Port:	Houston	
Waterway:	Barbours Cut	Mile: 26.3 PWD: 300
Name:	Enron Clean Fuels Co., Morgan's Point Chemical Complex W	harf.
Location:	Inner end, Barbours Cut, on north portion of west end of turning basin, a miles west of Housto	
Operator:	Enron Clean Fuels Co.	
Owner:	Enron Clean Fuels Co.	
Address:	1200 North Broadway	hone: 281-470-4958
Town:	Morgans Point State: TX C	ounty: Harris
Railway Co	onnection: Tracks serving chemical plant in rear connect with Union Pac	ific Railroad.
•	Receipt of methanol; receipt and shipment of natural gasoline and butane butyl ether, all by barge.	; shipment of methyl tertiary
Depth Alon	ngside (feet): 12 - La	atitude (decimal): 29.684444
Total Berthi	ning Space (feet): 500 -	ongitude (decimal): -95.01028
s r i	One 12-inch methanol and one 12-inch methyl tertiary butyl ether pipeline storage tanks at products fractionating plant in rear, total capacity 11,130, natural gasoline pipeline extends from wharf to 3 storage tanks, total capacity butane and one 6-inch vapor recovery pipelines extend from wharf to total capacity 50,000 barrels, and 4 horizontal steelstorage tanks, total capacity 50,000 barrels, and 4 horizontal steelstorage tanks, total capacity 50,000 barrels, and 4 horizontal steelstorage tanks, total capacity 50,000 barrels, and 4 horizontal steelstorage tanks, total capacity 50,000 barrels, and 4 horizontal steelstorage tanks, total capacity 50,000 barrels, and 50 km services and 50 km services are capacity 50,000 barrels, and 50 km services are capacity 50,000 barrels, and 50 km services are capacity 50 km services are capacity 50 km services and 50 km services are capacity 50 km	000 gallons. One 12-inch acity 35,000 barrels. Two 8- 4 steel storage spheres,
Year of Las	st Survey: 1999 Corps of Engnrs Waterway Code: 60374 Dock Code	e: 030
Port:	Houston	
Waterway:	Barbours Cut	Mile: 26.3 PWD: 307
Name:	Port of Houston, Barbours Cut Terminal Berth No. 1 Wharf.	
Location:	Right bank, Barbours Cut, approximately 0.4 mile west of Houston Ship Channel, Datum: MLT Morgans Point.	
Operator:	Port of Houston Authority.	
Owner:	Port of Houston Authority.	
Address:	1819 Barbours Cut Boulevard.	hone: 281-470-5530
Town:	Morgans Point State: TX C	ounty: Harris
Railway Co	onnection: Port Terminal Railroad (operated by Union Pacific Railroad): storage area joins terminal trackage.	one surface track at rear of
Purpose: F	Receipt and shipment of containerized and roll-on/roll-off general cargo in	foreign and domestic trades.
- 1		
•	ngside (feet): 42 La	atitude (decimal): 29.682222
Depth Alon Total Berthi	ning Space (feet): 1,000 Lo	ongitude (decimal): -94.99111
Depth Along Total Berthi Remarks: F	9-1-1	ongitude (decimal): -94.99111 Wharf on lower side (Ref. No. I contiguous, providing 6,000 aved open storage area are

Port: Houston Waterway: Barbours Cut Mile: 26.3 PWD: 306 Name: Port of Houston, Barbours Cut Terminal Berth No. 2 Wharf. Right bank, Barbours Cut, approximately 0.6 mile west of Houston Ship Channel, Location: Datum: MLT Morgans Point. Operator: Port of Houston Authority. (See Remarks) Owner: Port of Houston Authority. Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530 State: TX Town: Morgans Point County: Harris Railway Connection: Port Terminal Railroad (operated by Union Pacific Railroad): one surface track at rear of storage area joins terminal trackage. Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 42 Total Berthing Space (feet): 1,000 | Longitude (decimal): -94.99417 Remarks: At the beginning of 1999 Sealand Service, Inc. operated at the wharf an additional, company-owned, 30-long ton container crane described under Berth No. 6 Wharf (Ref. No. 302), and planned to move crane to that wharf during the year. The 50-long ton container cranes can lift 70 long tons on hook at 87-foot outreach. Berths Nos. 6 through 1 (Ref. Nos. 302 through 307) are in line and contiguous. providing 6,000 feet of continuous berthing space. Approximately 32 acres of concrete-paved open storage area are located at rear. Container storage capacity of yard is described under Berth No. 5 Wharf (Ref. No. 303). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60374 Dock Code: 040 Port: Houston Waterway: Barbours Cut Mile: 26.3 PWD: 305 Name: Port of Houston, Barbours Cut Terminal Berth No. 3 Wharf. Right bank, Barbours Cut, approximately 0.8 mile west of Houston Ship Channel, Location: Datum: MLT Morgans Point. Operator: Port of Houston Authority and Sealand Service, Inc. (See Remarks) Owner: Port of Houston Authority. Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530 Town: Morgans Point State: TX County: Harris Railway Connection: Port Terminal Railroad (operated by Union Pacific Railroad): one surface track at rear of storage area joins terminal trackage. Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 42 29.681389 Longitude (decimal): -94.99722 Total Berthing Space (feet): 1,000 | Remarks: At the beginning of 1999 Sealand Service, Inc., operated wharf using two additional, company-owned, 30-long ton container cranes and container stacking equipment described under Berth No. 6 Wharf (Ref. No. 302), and planned to move cranes and operation to that wharf during the year. The 50-long ton container crane can lift 70 long tons on hook at 87-foot outreach. Berths Nos. 6 through 1 (Ref. Nos. 302 through 307) are in line and contiguous, providing 6,000 feetof continuous berthing space. Approximately 35 acres of concrete-paved open storage area are located at rear. Container storage capacity of yard is described under Berth No. 5 Wharf (Ref. No. 303).

Year of Last Survey: 1999

Dock Code: 040

Corps of Engnrs Waterway Code: 60374

Port: Houston Waterway: Barbours Cut Mile: 26.3 PWD: 304 Name: Port of Houston, Barbours Cut Terminal Berth No. 4 Wharf. Right bank, Barbours Cut, south side of entrance to Turning Basin, approximately 1.0 Datum: MLT Location: mile west of Housto Operator: Port of Houston Authority. (See Remarks) Owner: Port of Houston Authority. Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530 Town: Morgans Point State: TX County: Harris Railway Connection: Port Terminal Railroad (operated by Union Pacific Railroad): one surface track at rear of storage area joins terminal trackage. Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade. Depth Alongside (feet): 42 Latitude (decimal): Total Berthing Space (feet): 1,000 | Longitude (decimal): -95.00056 Remarks: At the beginning of 1999 Sealand Service, Inc. operated at the wharf an additional, company-owned, 30-long ton container crane described under Berth No. 6 Wharf (Ref. No. 302), and planned to move crane to that wharf during the year. Berths Nos. 6 through 1 (Ref. Nos. 302 through 307) are in line and contiguous, providing 6.000 feet of continuous berthing space. Approximately 36 acres of concrete-paved open storage area are located at rear. Containerstorage capacity of yard is described under Berth No. 5 Wharf (Ref. No. 303). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60374 Dock Code: 040 Port: Houston Waterway: Barbours Cut Mile: 26.3 PWD: 303 Name: Port of Houston, Barbours Cut Terminal Berth No. 5 Wharf. Right bank, Barbours Cut, outer portion of south side of Turning Basin, approx. 1.2 Location: Datum: MLT miles west of Housto Port of Houston Authority. (See Remarks) Operator: Owner: Port of Houston Authority. Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530 Town: Morgans Point State: TX County: Harris Port Terminal Railroad (operated by Union Pacific Railroad): one surface track at rear of Railway Connection: storage area joins terminal trackage. Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade. Depth Alongside (feet): Latitude (decimal): Longitude (decimal): -95.00361 Total Berthing Space (feet): 1,000 | Remarks: Sealand Service, Inc. planned to move the two company-owned, 30-long ton, container cranes to the wharf from Berth No. 3 Wharf (Ref. No. 305) during 1999. Berths Nos. 6 through 1 (Ref. Nos. 302) through 307) are in line and contiguous, providing 6,000 feet of continuous berthing space. Approximately 43 acres of concrete-paved open storage area is located at rear. Open storage areas located at rear of Berths Nos. 5 through 1 have a total capacity for 23,400 stacked containers (TEUs) and 4,000 containers on chassis, including 532 positions for refrigerated containers. Corps of Engnrs Waterway Code: 60374 Year of Last Survey: 1999 Dock Code: 040

Port: Houston

Waterway: Barbours Cut Mile: 26.3 PWD: 302

Name: Port of Houston, Barbours Cut Terminal Berth No. 6 Wharf.

Location: Right bank, Barbours Cut, inner portion of south side of Turning Basin, approx. 1.4 Datum: MLT

miles west of Housto

Operator: Sealand Service, Inc. and Norwegian Cruise Lines. (See Remarks)

Owner: Port of Houston Authority.

Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530

Town: Morgans Point State: TX County: Harris

Railway Connection: Port Terminal Railroad (operated by Union Pacific Railroad): One platform-level track

along west side of container freight station joins terminal trackage at rear

Purpose: Receipt and shipment of containerized general cargo in foreign and domestic trade; mooring cruise

ship; boarding passengers. (See Remarks)

Depth Alongside (feet): 42 | Latitude (decimal): 29.68

Total Berthing Space (feet): 1,000 | Longitude (decimal): -95.00667

Remarks: At beginning of 1999 Norwegian Cruise Lines operated wharf as cruise ship passenger landing, and planned to move operation to Berth No. 7 Wharf (Ref. No. 301) during year. Passenger terminal

planned to move operation to Berth No. 7 Wharf (Ref. No. 301) during year. Passenger terminal, located at upper side, is described under Berth No. 7 Wharf. Sealand Service, Inc., planned to move the two container cranes and their operation to wharf from Berth No. 3 Wharf (Ref. No. 305) during 1999. Berths Nos. 6 through 1 (Ref. Nos. 302 through 307) are inline and contiguous, providing 6,000 feet of continuous berthing space. Container freight station is located approximately 0.5 mile west of wharf. Approximately 12 acres of concrete-paved open storage area for containers islocated at rear,

and construction of another 35 acres is planned.

Port: Houston Waterway: Barbours Cut Mile: 26.3 PWD: 301 Name: Port of Houston, Barbours Cut Terminal Berth No. 7 Wharf. Inner end, Barbours Cut, on south portion of west end of Turning Basin, approx. 1.6 Location: Datum: MLT miles west of Housto Operator: Port of Houston Authority and Norwegian Cruise Lines. (See Remarks) Owner: Port of Houston Authority. Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530 State: TX Town: Morgans Point County: Harris Railway Connection: Port Terminal Railroad (operated by Union Pacific Railroad): Nine surface tracks at COFC Ramp Point at rear of wharf, 4 for handling containers and remainder for storage, join terminal trackage at rear. Purpose: Mooring cruise ship; boarding passengers. (See Remarks) Depth Alongside (feet): 42 Latitude (decimal): 29.681111 Longitude (decimal): -95.00889 Total Berthing Space (feet): 700 Remarks: Wharf and rail Ramp Point were under construction at time of survey (1999) and are described as planned. Port of Houston Authority will operate Ramp Point, where four container-transfer tracks will be served by diesel, mobile bridge cranes. Operation was scheduled to begin in 1999. See Remarks under Berth No. 6 Wharf (Ref. No. 302). One 174- by 98-foot, steel frame, metal-covered building with a concrete floor, located at south end of bulkhead, is used as apassenger terminal. Plans call for joining and extending wharves, forming one structure 1,000 feet long, and constructing a storage area at rear for roll-on/roll-off cargo. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60374 Dock Code: 040 Port: Houston Mile: 26.3 PWD: 310 Waterway: Barbours Cut Name: Port of Houston, Barbours Cut Terminal Fireboat Dock. Location: Right bank, Barbours Cut, approximately 700 feet west of Houston Ship Channel, Datum: MLT Morgans Point. Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530 Town: Morgans Point State: TX County: Harris Railway Connection: None. Purpose: Mooring and fueling fireboat 'Howard T. Tellepsen'. Latitude (decimal): Depth Alongside (feet): 12 29.681667 Longitude (decimal): -94.98444 Total Berthing Space (feet): 81 Remarks: Wharf is adjacent to lower side of lower approach to LASH Vessel Wharf (Ref. No. 309). One 2-inch fueling line extends to wharf from one 10,000-gallon storage tank. Corps of Engnrs Waterway Code: 60374 Year of Last Survey: 1999 Dock Code: 056

Port: Houston

Waterway: Barbours Cut Mile: 26.3 PWD: 309

Name: Port of Houston, Barbours Cut Terminal LASH Vessel Wharf

Location: Right bank, Barbours Cut, approximately 700 feet west of Houston Ship Channel, Datum: MLT

Morgans Point.

Operator: Port of Houston Authority.
Owner: Port of Houston Authority.

Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530

Town: Morgans Point State: TX County: Harris

Railway Connection: None.

Purpose: Mooring idle vessels and barges.

Depth Alongside (feet): 42 | | Latitude (decimal): 29.683056

Total Berthing Space (feet): 1,000 | Longitude (decimal): -94.98528

Remarks: Maximum combined weight of crane and lift permitted on wharf is 25 tons. Part of marshalling area

described under Roll-on/Roll-off Wharf (Ref. No. 308) is located at rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60374 Dock Code: 054

Port: Houston

Waterway: Barbours Cut Mile: 26.3 PWD: 308

Name: Port of Houston, Barbours Cut Terminal Roll-on/Roll-off Wharf.

Location: Right bank, Barbours Cut, approximately 0.4 mile west of Houston Ship Channel, Datum: MLT

Morgans Point.

Operator: Port of Houston Authority.
Owner: Port of Houston Authority.
Address: 1819 Barbours Cut Boulevard.

Address: 1819 Barbours Cut Boulevard. Phone: 281-470-5530
Town: Morgans Point State: TX County: Harris

Railway Connection: Port Terminal Railroad: Two platform-level tracks, one serving south side of each

container freight station shed, and one surface track serving roll-on/roll-off end ramp at

rear, join terminal trackage.

Purpose: Receipt and shipment of roll-on/roll-off general cargo in foreign and domestic trade; mooring tugs,

towboats, and barges.

Depth Alongside (feet): 42 | 20 | 42 Total Berthing Space (feet): | 330 | 137

Latitude (decimal): 29.682778 Longitude (decimal): -94.98917

Remarks: Wharf is located at lower side of Berth No. 1, allowing vessel at that berth to transfer roll-on roll-off

cargo via a stern ramp. Berths Nos. 6 through 1 (Ref. Nos. 302 through 307) are in line and contiguous, providing 6,000 feet of continuous berthing space. Lower side of wharf and adjacent breasting dolphins and bulkhead can allow like cargo transfer for shallower draft vessels, but at time of survey (1999) were used for mooring idle barges. Tugs and towboatsmoor at outer end. Maximum combined weight of crane and lift permitted on wharf is 60 tons. Loading platforms on south sides of sheds can handle a total of 84 trucks. Approximately 44 acres of concrete-paved marshalling area

arelocated at rear.

Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 318 Name: Baytank (Houston), Bayport Barge Slips, No. 1 Barge Dock Slip. Right bank, Bayport Channel, on slip at southeast corner of Turning Basin, at inner Location: Datum: MLT portion of west side Operator: Baytank (Houston), Inc. Owner: Baytank (Houston), Inc. Address: 12211 Port Road Phone: 713-844-2381 State: TX Town: Seabrook County: Harris Railway Connection: Two surface tracks serving carloading station for direct transfer of product between rail cars and vessels; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals; receipt of bunker oil, all by barge. Latitude (decimal): 29.607222 Depth Alongside (feet): 15 15 Total Berthing Space (feet): 185 350 Longitude (decimal): -95.0175 Remarks: No. 2 Barge Dock Pier (Ref. No. 319) forms east side of a slip approximately 185 feet wide. Ten 8-inch petrochemical and two 8- and one 6-inch bunker oil pipelines extend from outer end of west side to respective storage tanks described under No. 1 Ship Dock Wharf (Ref. No. 316). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60372 Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 319 Name: Baytank (Houston), Bayport Barge Slips, No. 2 Barge Dock Pier. Right bank, Bayport Channel, on slip at southeast corner of Turning Basin, at inner Location: Datum: MLT end, Seabrook. Operator: Baytank (Houston), Inc. Owner: Baytank (Houston), Inc. Address: 12211 Port Road Phone: 713-844-2381 Town: Seabrook State: TX County: Harris Railway Connection: Two surface tracks serving carloading station for direct transfer of product between rail cars and vessels; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals; receipt of bunker oil, all by barge. Loading tank barges for bunkering vessels at berth in harbor Depth Alongside (feet): 15 15 Latitude (decimal): 350 350 Longitude (decimal): -95.01639 Total Berthing Space (feet): Remarks: Pier is between Nos. 1 and 3 Barge Dock Wharves, (Ref. Nos. 318 and 320) forming slips to west and east approximately 185 and 120 feet wide, respectively. Two 8-inch petrochemical pipelines, and one

Year of Last Survey: 1999

8-inch connection becoming one 10-, one 8-, and one 6-inch bunker oil pipelines, extend from outer

end to respective storage tanks described under No. 1 Ship Dock Wharf (Ref. No. 316).

Corps of Engnrs Waterway Code: 60372

Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 320 Name: Baytank (Houston), Bayport Barge Slips, No. 3 Barge Dock Wharf. Right bank, Bayport Channel, on slip at southeast corner of Turning Basin, at inner Location: Datum: MLT portion of east side Operator: Baytank (Houston), Inc. Owner: Baytank (Houston), Inc. Address: 12211 Port Road Phone: 713-844-2381 State: TX Town: Seabrook County: Harris Railway Connection: Two surface tracks serving carloading station for direct transfer of product between rail cars and vessels; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals by barge. Latitude (decimal): Depth Alongside (feet): 15 29.608333 15 Total Berthing Space (feet): 160 350 Longitude (decimal): -95.01667 Remarks: No. 2 Barge Dock Pier (Ref. No. 319) forms west side of a slip approximately 120 feet wide. One 8inch petrochemical pipeline extends from east side to respective storage tanks described under No. 1 Ship Dock Wharf (Ref. No. 316). One 6-inch vapor recovery pipeline extends from east side to flare tower in terminal. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60372 Dock Code: 058 Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 316 Name: Baytank (Houston), Bayport Ship Terminal, No. 1 Ship Dock Wharf. Location: Right bank, Bayport Channel, on east portion of south side of Turning Basin, Datum: MLT Seabrook. Operator: Baytank (Houston), Inc. Owner: Baytank (Houston), Inc. Address: 12211 Port Road Phone: 713-844-2381 State: TX Town: Seabrook County: Harris Railway Connection: Two surface tracks serving carloading station for direct transfer of product between rail cars and vessels; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals; shipment of liquefied petroleum gas; bunkering vessel berthed at wharf. Latitude (decimal): 29.608611 Depth Alongside (feet): 40 Total Berthing Space (feet): 700 Longitude (decimal): -95.02028 Remarks: Thirty 8-inch petrochemical pipelines extend from wharf to 68 steel storage tanks at terminal in rear, total capacity 43,512,000 gallons. Two 8-inch liquefied petroleum gas pipelines extend to wharf from two steel storage spheres, total capacity 120,000 barrels. One 8- and one 6-inch bunker pipelines extends to wharf from 3 steel storage tanks, total capacity 100,000 barrels of bunker oil. Corps of Engnrs Waterway Code: 60372 Year of Last Survey: 1999 Dock Code: 050

Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 317 Name: Baytank (Houston), Bayport Ship Terminal, No. 2 Ship Dock Wharf. Right bank, Bayport Channel, on slip at southeast corner of Turning Basin, at outer Location: Datum: MLT portion of west side Operator: Baytank (Houston), Inc. Owner: Baytank (Houston), Inc. Address: 12211 Port Road Phone: 713-844-2381 State: TX Town: Seabrook County: Harris Railway Connection: Two surface tracks serving carloading station for direct transfer of product between rail cars and vessels; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals; shipment of liquefied petroleum gas; bunkering vessel berthed at wharf. Depth Alongside (feet): 40 Latitude (decimal): Longitude (decimal): -95.01861 Total Berthing Space (feet): 700 Remarks: Slip is approximately 400 feet wide. Thirty 8-inch petrochemical, two 8-inch liquefied petroleum gas, and one 8- and one 6-inch bunker pipelines extend to wharf from respective storage tanks described under No. 1 Ship Dock Wharf (Ref. No. 316). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60372 Dock Code: 052 Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 314 Name: Celanese LTD, Bayport Terminal Barge Slip. Location: Right bank, Bayport Channel, at southwest corner of Turning Basin, Seabrook. Datum: MLT Operator: Celanese LTD, Chemicals Division, a subsidiary of Hoechst A.G. Celanese LTD, a subsidiary of Hoechst A.G. Owner: Address: 11807 Port Road. Phone: 281-474-8178 Town: Seabrook State: TX County: Harris Railway Connection: Two surface tracks serving carloading racks at rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals by barge. Depth Alongside (feet): Latitude (decimal): 29.607778 15 15 15 350 Longitude (decimal): -95.02444 Total Berthing Space (feet): 120 320 Remarks: Four 10- and four 6-inch pipelines extend from connections on each side of slip to 22 steel storage tanks at terminal in rear; total capacity 33,116,000 gallons.

Corps of Engnrs Waterway Code: 60372

Year of Last Survey: 1999

Dock Code: 040

Port: **Houston**

Waterway: Bayport Channel Mile: 21.0 PWD: 315

Name: Celanese LTD, Bayport Terminal Ship Wharf.

Location: Right bank, Bayport Channel, on west portion of south side of Turning Basin, Datum: MLT

Seabrook.

Operator: Celanese LTD, Chemicals Division, a subsidiary of Hoechst A.G.

Owner: Celanese LTD, a subsidiary of Hoechst A.G.

Address: 11807 Port Road Phone: 281-474-8178

Town: Seabrook State: TX County: Harris

Railway Connection: Two surface tracks serving carloading racks at rear; connect with Union Pacific Railroad.

Purpose: Receipt and shipment of petrochemicals.

Depth Alongside (feet): 42 | Latitude (decimal): 29.608333

Total Berthing Space (feet): 700 | Longitude (decimal): -95.02278

Remarks: One 14-, four 10-, three 8-, twelve 6-, and four 4-inch pipelines extend from wharf to storage tanks

described under Barge Slip (Ref. No. 314).□

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60372 Dock Code: 040

Port: Houston

Waterway: Bayport Channel Mile: 21.0 PWD: 312

Name: LBC PetroUnited, Bayport Terminal Barge Dock Slip.

Location: Inner end, Bayport Channel, at center of west end of Turning Basin, Seabrook. Datum: MLT

Operator: LBC PetroUnited, Inc.
Owner: LBC PetroUnited, Inc.

Address: 11666 Port Road Phone: 281-291-3425

Town: Seabrook State: TX County: Harris

Railway Connection: Three surface tracks serving carloading racks at rear join 5 surface tracks in storage yard

in terminal; connect with Union Pacific Railroad.

Purpose: Receipt and shipment of petroleum products and petrochemicals by barge.

 Depth Alongside (feet):
 14
 |
 14
 |
 14
 Latitude (decimal):
 29.611111

 Total Berthing Space (feet):
 110
 |
 380
 Longitude (decimal):
 -95.025

Remarks: Nine 8-, four 6- and one 4-inch pipelines extend from south side to 88 steel storage tanks in terminal,

total capacity 2,100,000 barrels. Two 6-inch vapor recovery pipelines extend from slip to flare tower in

terminal.

Port: Houston Waterway: Bayport Channel Mile: 21.0 PWD: 313 Name: LBC PetroUnited, Bayport Terminal Ship Dock Wharf. Inner end, Bayport Channel, on south portion of west end of Turning Basin, Seabrook. Datum: MLT Location: Operator: LBC PetroUnited, Inc. LBC PetroUnited, Inc. Owner: Address: 11666 Port Road Phone: 281-291-3425 State: TX Town: Seabrook County: Harris Railway Connection: Three surface tracks serving carloading racks at rear join 5 surface tracks in storage yard in terminal; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals. Depth Alongside (feet): Latitude (decimal): 40 29.61 Total Berthing Space (feet): 700 Longitude (decimal): -95.025 Remarks: Four 12-, eleven 10-, eleven 8-, thirty-eight 6-, and one 4-inch pipelines extend from wharf to storage tanks described under Barge Slip (Ref. No. 312). Two 6-inch vapor recovery pipelines extend from wharf to flare tower in terminal. Corps of Engnrs Waterway Code: 60372 Year of Last Survey: 1999 Dock Code: 030 Port: Houston Mile: 49.2 PWD: 214 Waterway: Brays Bayou Name: **Enviro Terminal, Barge Wharf.** Location: Left bank, Brays Bayou, approximately 0.5 mile above Port Terminal Railroad bridge, Houston. Operator: Enviro Terminal, Inc. Owner: J.T.I. Corp. 819 S. 80th Street Address: Phone: 713-926-2808 Town: Houston State: TX County: Harris Railway Connection: None. Purpose: Receipt of oats, corn, rice, feed pellets, and mulch; shipment of scrap metal. Latitude (decimal): 29.722778 Depth Alongside (feet): 20 Total Berthing Space (feet): 575 Longitude (decimal): -95.28389 Remarks: Six acres of open storage area are located in rear. □

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 607

Port: Houston

Waterway: **Brays Bayou** Mile: 49.2 PWD: 215

Name: Halter Marine Group, Bludworth Bond Shipyard, Houston Yard, Brays

Location: Right bank, Brays Bayou, at entrance. Datum: MLT

Operator: Halter Marine Group, Bludworth Bond Shipyard, Inc.
Owner: Halter Marine Group, Bludworth Bond Shipyard, Inc.

Address: 8114 Hockley Street Phone: 713-923-2001

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges, small vessels, and offshore drilling rig modules for repair, conversion, and

construction; mooring floating drydocks.

 Depth Alongside (feet):
 20 - 25 | 20 - 25 | 20 - 25
 Latitude (decimal):
 29.726667

 Total Berthing Space (feet):
 300 | 45
 Longitude (decimal):
 -95.27778

Remarks: One 1,780-, one 1,070- and one 890-long ton floating drydocks moor at wharf, 'Drydock No. 7' at its

berth, 'Drydock No. 1' at slip, and 'Drydock No. 6' outboard of the other two, respectively. One 1,070-long ton, marine transfer railway extends from Drydock No. 7 Berth into yard. Wharf is served by 3-inch pipelines for removing and replacing vessels' fuels, extending to 2 fuel oil tanks, total capacity 714

barrels, and one 357-barrel, slop oil tank. Marinerepair shops are located in rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 608 Galveston District

Port: **Houston**

Waterway: **Brays Bayou** Mile: 49.2 PWD: 213

Name: Houston Mooring Co., Brays Bayou Slip

Location: Left bank, Brays Bayou, approximately 0.3 mile above Port Terminal Railroad bridge, Datum: MLT

Houston.

Operator: Houston Mooring Co. Inc. Owner: Houston Mooring Co. Inc.

Address: 711 South 80th Street Phone: 713-921-4488

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned service vessels for fueling and repair.

 Depth Alongside (feet):
 4
 | 4 - 8 | 4 - 8
 Latitude (decimal):
 29.724167

 Total Berthing Space (feet):
 25
 | 50
 | 50
 Longitude (decimal):
 -95.2825

Remarks: Line-handling boats are moored in slip and at 12- and 10-foot long bulkheads below and above slip,

respectively. One 2-inch diesel fuel pipeline extends to metered pump at slip from 4,000-gallon

storage tank at rear.

Port: **Houston**

Waterway: **Brays Bayou** Mile: 49.2 PWD: 212

Name: Texas Marine Supply Co. Wharf.

Location: Left bank, Brays Bayou, approximately 300 feet above Port Terminal Railroad bridge, Datum: MLT

Houston.

Operator: Texas Marine Supply Co.

Owner: Rodney Bradley

Address: 8050 Harrisburg Boulevard Phone: 713-924-9671

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Handling ships stores; mooring company-owned barge.

Depth Alongside (feet): 2 - 17 | Latitude (decimal): 29.7275

Total Berthing Space (feet): 110 | Longitude (decimal): -95.28111

Remarks: One warehouse is located at rear of apron, and a second one at rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 602

Port: **Houston**

Remarks:

Waterway: **Buffalo Bayou** Mile: PWD: 195

Name: Brown & Root, Buffalo Bayou Wharf.

Location: Left bank, Buffalo Bayou, above Hirsch Street (York Street) Bridge, Houston. Datum: MLT

Operator: Brown & Root, Inc.
Owner: Brown & Root, Inc.

Address: 4100 Clinton Drive Phone: 713-676-4188
Town: Houston State: TX County: Harris
Railway Connection: One surface track in building at rear connects with Union Pacific Railroad.

Purpose: Occasional shipment of fabricated steel pressure vessels by barge, including roll-on roll-off.

Depth Alongside (feet): 6 | 6 | 6 | Latitude (decimal): 29.76

Total Berthing Space (feet): 300 | 400 | 500

Longitude (decimal): -95.33028

ks: At time of survey (1998) only upper 350 feet of upper portion was in use. Operator shipped petrochemical processing equipment manufactured by Allied

Industries Inc. at 2828 Clinton Drive.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 458 Galveston District

Port: Houston

Waterway: Buffalo Bayou Mile: PWD: 193

Name: City of Houston, 69th Street Wastewater Division, Barge Dock Wharf

Left bank, Buffalo Bayou, approximately 0.5 mile below point opposite entrance to Location: Datum: MLT

Turkey Bend Channel, H

Operator: Not operated. Owner: City of Houston.

Address: 2525 S/Sgt. Macario Garcia Drive Phone: 713-671-4200

State: TX Town: Houston County: Harris

Railway Connection: None.

Purpose: Not used.

Remarks:

Latitude (decimal): Depth Alongside (feet): 0 - 129.755556 Longitude (decimal): -95.30694 Total Berthing Space (feet): 540 Wharf formerly was used for shipment of solid

treated waste used as fertilizer. Twelve concrete storage silos are located in rear, total capacity 3,600 tons. One 10-inch fuel oil pipeline extends from wharf to 2 storage tanks at rear, total capacity 4,760

barrels, all unused at time of survey (1998).

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 572

Port: Houston

Waterway: Buffalo Bayou Mile: PWD: 203

Name: Coastal Fuels Marketing, Houston Asphalt Terminal Wharf.

Location: Right bank, Buffalo Bayou, approximately 800 feet above conjunction with Houston Datum: MLT

Turning Basin, Houston.

Operator: Coastal Fuel Marketing Inc., subsidiary of Coastal Corp.

Owner: Port of Houston Authority

Address: 7220 J.W Peavy Street Phone: 713-926-3961

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of asphalt by barge.

Depth Alongside (feet): Latitude (decimal): 29.746667 15 Longitude (decimal): -95.29306 Total Berthing Space (feet): 320

Remarks: One 8-inch flexible hose extends from wharf to one 10-inch pipeline on bank, which extends to 3 steel

storage tanks at rear, total capacity 75,000 barrels.□

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Dock Code: 581

Port: Houston Waterway: Buffalo Bayou Mile: PWD: 201 Name: General Stevedores, Barge-Side Warehouse Wharf. Right bank, Buffalo Bayou, approximately 0.3 mile below entrance to Turkey Bend Location: Datum: MLT Channel, Houston. Operator: General Stevedores. Inc. Owner: General Stevedores, Inc. Address: 6107 Industrial Way Phone: 713-923-6678 State: TX Town: Houston County: Harris Railway Connection: One surface track serves yard in rear; connects with Union Pacific Railroad. Purpose: Receipt and shipment of conventional general cargo, iron and steel products, and equipment; receipt of dry bulk materials including ferroalloys and ores; and shipment of scrap metal, all by barge. | 5-6 Latitude (decimal): Depth Alongside (feet): 5 - 6 29.754444 Longitude (decimal): -95.31028 Total Berthing Space (feet): 280 200 1 Remarks: Transit shed is located at rear of upper portion, at 705 North Greenwood Street. Approximately 20 1/4 acres of open storage area are located at rear, and an additional 7 acres are located nearby at 6125 Industrial Way. Company-operated McFarland Street Bonded Warehouse (S.W. Ref. No. 15) is located nearby. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 549 Galveston District Port: Houston Waterway: Buffalo Bayou Mile: PWD: 200 Name: General Stevedores, Houston Barge Terminal Wharf. Location: Right bank, Buffalo Bayou, on south side of inner portion of Turkey Bend Channel, Datum: MLT approximately 2,000 fe Operator: General Stevedores. Inc. Owner: General Stevedores, Inc. Address: Phone: 713-923-6678 5401 Navigation Boulevard State: TX Town: Houston County: Harris Two door-level tracks along rear of Crane Shed join two surface tracks at rear of timber Railway Connection: wharf; connect with Union Pacific Railroad. Purpose: Receipt and shipment of conventional general cargo and iron and steel products; receipt of newsprint and dry bulk commodities, including ferroalloys and ores; and shipment of scrap metal, all by barge. Depth Alongside (feet): Latitude (decimal): 29.749167 9 9 9 Total Berthing Space (feet): 200 400 200 Longitude (decimal): -95.31722 Remarks: New Dock Shed is at rear of upper portion and Crane Shed is at rear of middle portion of wharf. Approximately 1.4 acres of asphalt-paved open storage area is available at rear. Additional open storage area and company-operated public storage warehouses Nos. 1 and 2 (S.W. Ref. Nos. 16 and 17, respectively) are located nearby on Navigation Boulevard and on Esperson Street, respectively. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 549 Galveston District

Port: Houston Waterway: Buffalo Bayou Mile: PWD: 194 Name: Hou-Tex Metals Co. Wharf. Left bank, Buffalo Bayou, approximately 1,200 feet below Hirsch Street (York Street) Location: Datum: MLT Bridge, Houston. Operator: Hou-Tex Metals Co., division of Metal Management Inc. Owner: 21 Japhet Realty Inc. Address: 21 Japhet Street Phone: 713-671-2727 ex State: TX Town: Houston County: Harris Railway Connection: Four surface tracks in yard at rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of scrap metal by barge. Depth Alongside (feet): 12 - 14 | Latitude (decimal): 29.759167 Total Berthing Space (feet): 600 Longitude (decimal): -95.32444 Remarks: Approximately 15 acres of open storage area are located at rear. At time of survey (1997) plans called for paving an additional 15 acres of open storage area. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 460 Port: Houston Waterway: Buffalo Bayou PWD: 196 Mile: Name: Lafarge Corp., Buffalo Bayou Barge Wharves. Location: Right bank, Buffalo Bayou, approximately 600 feet above Hirsch Street (York Street) Datum: MLT Bridge, Houston. Not operated. Operator: Owner: Lafarge Corp. 501 N. York Street Address: Phone: Town: Houston State: TX County: Harris Railway Connection: Surface tracks in rear connect with Union Pacific Railroad. Purpose: Not used. Latitude (decimal):

6

250

Corps of Engnrs Waterway Code: 60370

315 Remarks: Facility was for sale at time of survey (1998).

Depth Alongside (feet):

Total Berthing Space (feet):

Year of Last Survey: 1999

29.758056

Galveston District

Longitude (decimal): -95.3325

Dock Code: 530

Port: Houston Waterway: Buffalo Bayou Mile: PWD: 197 Name: Pick Your Part Auto Wrecking, Pick-a-Part Yard Wharf. Right bank, Buffalo Bayou, approximately 750 feet below Hirsch Street (York Street) Location: Datum: MLT Bridge, Houston. Operator: Not operated. Owner: Pick Your Part Auto Wrecking Inc. Phone: 281-448-8897 Address: 723 N. Drennan Street State: TX Town: Houston County: Harris Railway Connection: One surface track in yard at rear connects with Union Pacific Railroad. Purpose: Not used. Latitude (decimal): Depth Alongside (feet): 29.759444 Total Berthing Space (feet): 265 Longitude (decimal): -95.32639 Remarks: Portions of bulkhead were in deteriorated condition at time of survey (1997). A metal fence is located at rear of apron. Approximately 11.4 acres of open storage area for scrapped automobiles are located at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 537 Galveston District Port: Houston Mile: PWD: 199 Waterway: Buffalo Bayou Name: Sunbelt Asphalt and Materials, Engle Street Wharf. Location: Right bank, Buffalo Bayou, on west side of inner portion of Turkey Bend Channel, Datum: MLT Houston. Operator: Not operated. Owner: Sunbelt Asphalt and Materials Inc. Address: 5303 Navigation Boulevard Phone: 713-767-7700 Town: Houston State: TX County: Harris

Purpose. Not used.

Railway Connection: Plant trackage in rear connects with Union Pacific Railroad.

Purpose: Not used.

Depth Alongside (feet): 8 - 10 | | Latitude (decimal): 29.752222

Total Berthing Space (feet): 1,100 | Longitude (decimal): -95.31861

Remarks: Formerly used for receipt of sand and aggregate by barge. Approximately 3 acres of open storage

area are located in rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 546 Galveston District

Port: Houston Waterway: Buffalo Bayou Mile: PWD: 198 Name: Sunbelt Asphalt and Materials, Turkey Bend Wharf. Right bank, Buffalo Bayou, on west side of outer portion of Turkey Bend Channel, Location: Datum: MLT approximately 500 feet Operator: Sunbelt Asphalt and Materials Inc. Owner: Sunbelt Asphalt and Materials Inc. Address: 5303 Navigation Boulevard Phone: 713-767-7700 State: TX Town: Houston County: Harris Railway Connection: One surface track on rail trestle at rear of apron serves undertrack unloading hopper and joins two surface tracks in yard, total capacity 100 cars; connect with Union Pacific Purpose: Receipt of sand and gravel by barge. Depth Alongside (feet): 10 Latitude (decimal): Longitude (decimal): -95.31556 Total Berthing Space (feet): 530 Remarks: Wharf formerly was used for shipment of sand, shell, and limestone. Rail-unloading hopper serves belt conveyor system. Approximately 15 acres of open storage area are located in rear. Two concrete batch plants, operated by Houston Shell and Concrete Co., and one asphalt batch plant are located in vard. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 546 Galveston District Port: Houston Waterway: Buffalo Bayou Mile: PWD: 202 Name: Transenergy Grinding Wharf. Right bank, Buffalo Bayou, approximately 0.4 mile below entrance to Turkey Bend Location: Datum: MLT Channel, Houston. Operator: Gulf Coast Portland Cement Co. d.b.a. Transenergy Grinding, Inc. Owner: Gulf Coast Portland Cement Co. Address: 6203 Industrial Way Phone: 713-926-3181 State: TX Town: Houston County: Harris Railway Connection: Two surface tracks serve loading spout at silos in rear; connect with Union Pacific Railroad. Purpose: Receipt of petroleum coke by barge. Depth Alongside (feet): 10 Latitude (decimal): 29.754167 Longitude (decimal): -95.30778 Total Berthing Space (feet): 510 Remarks: Storage building served by overhead cranes is comprised of a wharfside shed with a processing building at rear, total capacity 20,000 tons. Open-sided shed has steel frame on concrete piers with metal-covered roof, rest of building has a steel frame, metal covered above low concrete walls, and both portions have concrete floors. Overhead cranes recover petroleum coke to hopper serving belt conveyor system to drying and grinding plant in building. Pneumatic pipeline extends from plant to 8 concrete storage silos, total capacity 8,000 tons. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 560 Galveston District

Port: Houston

Waterway: Buffalo Bayou Mile: 51 PWD: 192

Name: Port of Houston, Turning Basin Terminal, 'Sam Houston' Wharf.

Left bank, Buffalo Bayou, approximately 200 feet above conjunction with Houston Location: Datum: MLT

Turning Basin, Houston.

Operator: Port of Houston Authority. Owner: Port of Houston Authority.

Address: Port Road Phone: 713-670-2636

State: TX Town: Houston County: Harris

Railway Connection: None.

Purpose: Landing and mooring harbor inspection yacht 'M.V. Sam Houston.'

Depth Alongside (feet): 13 Latitude (decimal): 29.748611 Total Berthing Space (feet): 140 Longitude (decimal): -95.29222

Remarks: Wharf is covered by a steel-framed, metal roof, and accessed by a 90- by 5-foot, timber ramp from top

of bulkhead. Passengers board yacht at wharf for inspection trips of Houston Harbor.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 407 Galveston District

Port: Houston

Waterway: Burnet Bay Mile: 34.5 PWD: 020

Name: Houston Marine Services Terminal, Barge-Loading Pier.

Location: Left bank, Houston Ship Channel, approx. 0.5 mile below mouth of San Jacinto Datum: MLT

River, on north side of ent

Operator: Houston Marine Services, Inc. Owner: Houston Marine Services. Inc.

Address: 850 South Lynchburg Road. Phone: 713-424-2525

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of fuels and lube oils by barge; loading fuels, and bulk and packaged lube oils onto company-

owned barges for bunkering vessels at berth in harbor.

Latitude (decimal): Depth Alongside (feet): 12 12 29.764722 Total Berthing Space (feet): 250 250 Longitude (decimal): -95.07083 -

Remarks: One 8- and one 6-inch pipelines extend from wharf to eight steel fuel storage tanks, total capacity 75,000 barrels, and twenty-four, steel, lube-oil storage tanks, total capacity 12,000 barrels, located at rear of Mooring Wharf (Ref. No. 19). One additional 4-inch pipeline extends to lube oil tanks, and one

metered 4- and one 6-inch loading pipelines extend to pier from 8-inch line described above.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 191 Galveston District

Port: **Houston**

Waterway: Burnet Bay Mile: 34.5 PWD: 019

Name: Houston Marine Services Terminal, Mooring Pier and Wharf.

Location: Left bank, Houston Ship Channel, approx. 0.5 mile below mouth of San Jacinto Datum: MLT

River, on north side of ent

Operator: Houston Marine Services, Inc. Owner: Houston Marine Services, Inc.

Address: 850 South Lynchburg Road. Phone: 713-424-2525

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned bunkering barges.

Depth Alongside (feet): 12 | 12 | 12 Latitude (decimal): 29.765556

Total Berthing Space (feet): | 250 | 300 Longitude (decimal): -95.07

Remarks: Storage tanks described under Barge-Loading Pier (Ref. No. 20) are located at rear. □

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 191 Galveston District

Port: **Houston**

Waterway: Burnet Bay Mile: 34.5 PWD: 021

Name: Houston Marine Services Terminal, Tugboat Fueling Slip.

Location: Left bank, Houston Ship Channel, approx, 0.5 mile below mouth of San Jacinto Datum: MLT

River, on north side of ent

Operator: Houston Marine Services, Inc.
Owner: Houston Marine Services, Inc.

Address: 850 South Lynchburg Road. Phone: 713-424-2525

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Fueling and mooring company-owned tugboats.

Depth Alongside (feet): 12 | 12 | 12 Latitude (decimal): 29.765556

Total Berthing Space (feet): 85 | 75 | 75 Longitude (decimal): -95.07139

Remarks: Upper side of slip is lower side of 15-foot-wide pier. Upper side of pier provides 75 feet of berthing

space for tugboats in eight feet of water. Four 2-inch, metered, diesel fuel pipelines extend to slip from 8-inch pipeline and fuels storage tanks described under Barge-Loading Pier (Ref. No. 20). One 15,000-

square-foot, steel frame, metal-covered warehouse for packaged lube oils is located at rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 191 Galveston District

Port: **Houston**

Waterway: Carpenters Bayou Mile: PWD: 066

Name: ACL Houston Fleet Mooring.

Location: Left bank, Carpenters Bayou, approximately 1,000 feet above mouth, and lower end Datum: MLT

of old bayou channel, C

Operator: ACL Houston Fleet L.L.C.
Owner: ACL Houston Fleet L.L.C.

Address: 16526 De Zavalla Road. Phone: 713-452-5544

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Handling supplies to company-owned towboats; mooring company-owned towboats and barges.

Depth Alongside (feet): 4 | 9 | 2 - 4 Latitude (decimal): 29.759444

Total Berthing Space (feet): 1,150 | 680 | 300 Longitude (decimal): -95.10139

Remarks: The faces on Carpenters Bayou are used for mooring empty barges, the old bayou channel, as a slip

for mooring loaded barges. In 1998, fleet office was located on spud barge, but plans called for

removal of it and all permanently moored barges in 1999.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 227

Port: Houston

Waterway: Carpenters Bayou Mile: PWD: 075

Name: American Telephone and Telegraph Trust Bulkhead.

Location: Left bank, Carpenters Bayou, approximately 1.2 miles above mouth, Channelview. Datum: MLT

Operator: Not operated.

Owner: American Telephone and Telegraph Trust.

Address: 435 South Sheldon Road. Phone:

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet):

8 | | Latitude (decimal): 29.761389

Total Berthing Space (feet): 180 | Longitude (decimal): -95.11444

Remarks: Approximately 97 acres of open storage area are located at rear. Property was for sale in 1998.

Telliance. Approximately of dores of open storage and are located at real. I reporty was for other

Port: Houston Waterway: Carpenters Bayou Mile: PWD: 083 Name: Coflexip Stena Offshore Wharf. Location: Right bank, Carpenters Bayou, approximately 0.3 mile above mouth, Houston. Datum: MLT Operator: Coflexip Stena Offshore, Inc. and Duco, Inc., a division of Coflexip Stena Offshore, Coflexip Stena Offshore, Inc. Owner: Address: 16661 Jacintoport Boulevard. Phone: 281-457-3018 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Receipt and shipment of steel and plastic pipe; shipment of spools of steel-tube umbilical, all by barge. Depth Alongside (feet): Latitude (decimal): 29.758056 6 Total Berthing Space (feet): 300 Longitude (decimal): -95.10028 Ι Remarks: Duco, Inc.: Ships umbilical for the offshore oil-well industry. A building located at rear is used for assembling and storage of flexible tubing and pipe. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 245 Port: Houston Waterway: Carpenters Bayou Mile: PWD: 079 Name: Delta Engineering Corp., 'A' Yard Wharf. Datum: MLT Location: Right bank, Carpenters Bayou, approximately 1.1 miles above mouth, Houston. Delta Engineering Corp. Operator: Owner: Delta Engineering Corp. 16415 1/2 Jacintoport Boulevard. Phone: 713-461-6200 Address: State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Shipment of offshore production packages for generators and compressors and of crews' quarters modules for oil-well drilling platforms by barge. Depth Alongside (feet): 7 - 8 Latitude (decimal): 29.761667 Longitude (decimal): -95.11278 Total Berthing Space (feet): 450 Remarks: Three sets of ways for loading modules onto barges are located on apron.

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Port: Houston Waterway: Carpenters Bayou Mile: PWD: 080 Name: Delta Engineering Corp., 'B' Yard Wharf. Right bank, Carpenters Bayou, approximately 1.0 mile above mouth, Houston. Location: Datum: MLT Delta Engineering Corp. Operator: Delta Engineering Corp. Owner: Address: 16415 1/2 Jacintoport Boulevard. Phone: 713-461-6200 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Shipment of crews' quarters modules for oil-well drilling platforms by barge; mooring barges awaiting loading at 'A' Yard Wharf (Ref. No. 79). (See Remarks.) Depth Alongside (feet): 6 Latitude (decimal): 29.761944 Longitude (decimal): -95.11028 Total Berthing Space (feet): 650 Remarks: In 1998, wharf was used for mooring. Plans called for dredging berth to six feet of depth and commencing loading operations by end of 1998. One steel frame, metal-covered, assembly shop building is located at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 241 Port: Houston PWD: 069 Mile: Waterway: Carpenters Bayou Name: Grant-Prideco Wharf. Left bank, Carpenters Bayou, approximately 0.7 mile above mouth, Channelview. Location: Datum: MLT Not operated. Operator: Owner: Grant-Prideco. Inc. 16508 De Zavalla Road. Phone: 281-452-9539 Address: Town: Channelview State: TX County: Harris Railway Connection: None. Purpose: Not used. Depth Alongside (feet): Latitude (decimal): 8 29.761111 Total Berthing Space (feet): Longitude (decimal): -95.10611 150

Remarks: Facility formerly was used for receiving steel pipe by barge.

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Dock Code: 233

Port: **Houston**

Waterway: Carpenters Bayou Mile: PWD: 071

Name: Hollywood Marine, Carpenters Bayou Fleet Slip Moorings.

Location: Left bank, Carpenters Bayou, on lower side of slip, approximately 0.9 mile above Datum: MLT

mouth, Channelview.

Operator: Hollywood Marine, Inc.
Owner: Hollywood Marine, Inc.

Address: 16402 De Zavalla Road. Phone: 281-457-1561

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned barges.

Depth Alongside (feet): 10 - 12 | 10 - 12 | 10 Latitude (decimal): 29.765556

Total Berthing Space (feet): 1,200 | 600 | 300 Longitude (decimal): -95.10861

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 236

Port: **Houston**

Waterway: Carpenters Bayou Mile: PWD: 072

Name: Hollywood Marine, Carpenters Bayou Tug Boat Dock and Repair Slip.

Location: Left bank, Carpenters Bayou, on upper side of slip, approximately 0.9 mile above Datum: MLT

mouth, Channelview.

Operator: Hollywood Marine, Inc. Owner: Hollywood Marine, Inc.

Address: 16402 De Zavalla Road. Phone: 281-860-9023

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned barges for repair and training exercises; mooring company-owned tugboats

and towboats.

 Depth Alongside (feet):
 12
 | 10 - 12
 | 10 - 12
 Latitude (decimal):
 29.763611

 Total Berthing Space (feet):
 300
 | 1,250
 | 100
 Longitude (decimal):
 -95.10889

Remarks: *The inner 200-foot portion of slip side is used for mooring barges for crew training at the Training

Dock, an 18- by 6-foot, steel pile, steel-decked wharf with 12- by 2-foot approach located with its face

in line with row of fender dolphins. □One 1-inch compressed air line serves the Repair Dock.

Port: Houston

Waterway: Carpenters Bayou Mile: PWD: 078

Name: Hollywood Marine, Carpenters Bayou Upper Fleet.

Location: Right bank, Carpenters Bayou, approximately 1.4 miles above mouth, Channelview. Datum: MLT

Operator: Hollywood Marine, Inc.

Owner: -

Address: Jacinctoport Boulevard. Phone: 281-457-1561

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned barges.

Depth Alongside (feet): 9 | Latitude (decimal): 29.758611

Total Berthing Space (feet): 1,200 | Longitude (decimal): -95.11611

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 236

Port: Houston

Waterway: Carpenters Bayou Mile: PWD: 074

Name: International Chandlers Slip and Wharf.

Location: Left bank, Carpenters Bayou, approximately 1.1 miles above mouth, Channelview. Datum: MLT

Operator: International Chandlers, Division of Sedco Forex, Division of Schlumberger Technology
Owner: International Chandlers, Division of Sedco Forex, Division of Schlumberger Technology Corp.
Address: 16230 De Zavalla Road. Phone: 281-457-7441

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Transient mooring of barges.

 Depth Alongside (feet):
 5
 | 5 - 7
 | 8
 Latitude (decimal):
 29.763889

 Total Berthing Space (feet):
 230
 | 420
 | 280
 Longitude (decimal):
 -95.11333

Remarks: International Chandlers: Operates approximately 50 acres of open storage area located at rear of

wharf and of inner end and upper side of slip. $\hfill\Box$

Port: Houston
Waterway: Carpenters Bayou Mile: PWD: 084
Name: J. Haltermann Wharf.

Location: Right bank, Carpenters Bayou, approximately 400 feet above mouth, Houston. Datum: MLT

Operator: J. Haltermann, Ltd.
Owner: J. Haltermann, Ltd.

Address: 16717 Jacintoport Boulevard. Phone: 281-452-5951
Town: Houston State: TX County: Harris
Railway Connection: One surface track serving plant in rear connects with Port Terminal Railroad.

Purpose: Receipt and shipment of petrochemicals by barge.

Depth Alongside (feet): 12 | - | - Latitude (decimal): 29.756389

Total Berthing Space (feet): 500 | Longitude (decimal): -95.09667

Remarks: Four 8-inch pipelines extend from wharf to 54 steel storage tanks in rear, total capacity 16,000,000

gallons. Petrochemical-processing plant is located in rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 246

Port: **Houston**

Waterway: Carpenters Bayou Mile: PWD: 067

Name: Koch Refining Co., Channelview Terminal Dock.

Location: Left bank, Carpenters Bayou, approximately 0.6 mile above mouth, on old bayou Datum: MLT

channel, Channelview.

Operator: Not operated.

Owner: Koch Refining Co., Inc.

Address: 16514A De Zavalla Road. Phone: 316-828-6304

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 3 - 7 | | Latitude (decimal): 29.761944

Total Berthing Space (feet): 145 | Longitude (decimal): -95.1025

Remarks: Two 8- becoming four 10-inch pipelines extend from wharf to eight steel storage tanks at rear, total

rks. Two 6- becoming four 10-inch pipelines extend from what to eight steer storage tanks at rear, total

capacity 140,000 barrels. □

Port: Houston Waterway: Carpenters Bayou Mile: PWD: 076 Name: Patterson Truck Line Wharf and Slip. Left bank, Carpenters Bayou, approximately 1.4 miles above mouth, Channelview. Location: Datum: MLT Patterson Truck Line, Inc. and Synergy Fluids, Inc. Operator: Owner: Patterson Truck Line, Inc. Address: 539 South Sheldon Road. Phone: 281-452-5443 Town: Channelview State: TX County: Harris Railway Connection: None. Purpose: Handling steel pipe and other offshore oil-well supplies; receipt of calcium bromide by barge. Depth Alongside (feet): 12 | 0 - 12 | Latitude (decimal): 29.759722 240 Total Berthing Space (feet): 487 Longitude (decimal): -95.11667 Ι Remarks: Fifteen acres of open storage area, used by Patterson Truck Line, Inc. for pipe storage, is located at rear. One 4-inch pipeline, operated by Synergy Fluids, Inc., extends from face to two calcium bromide storage tanks at rear, total capacity 184,800 gallons. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 202 Galveston District Port: Houston PWD: 081 Waterway: Carpenters Bayou Mile: Name: Powell Industries, Offshore Division Wharf. Location: Right bank, Carpenters Bayou, approximately 0.8 mile above mouth, Houston. Datum: MLT Powell Electrical Manufacturing Co., Offshore Division, a division of Powell Industri Operator: Owner: Powell Industries, Inc. Address: 16535 Jacintoport Boulevard. Phone: 281-452-4885 Town: Houston State: TX County: Harris Railway Connection: None. Purpose: Shipment of control modules for offshore oil-well drilling platforms by barge; mooring company-owned barges. Depth Alongside (feet): Latitude (decimal): 29.760556 10 12 Total Berthing Space (feet): 250 500 Longitude (decimal): -95.1075 Remarks: Hollywood Marine, Inc.: Moors company-owned barges along bank. Approximately five acres of open

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

storage area are located at rear of wharf.

Dock Code: 243

Port:	Houston		
Waterway:	Carpenters Bayou	Mile:	PWD: 070
Name:	Solar Turbines, Turbofab Facility Slip.		
Location:	Left bank, Carpenters Bayou, approximately 0.8 mile above mouth, Ch	annelview	Datum: MLT
Operator:	Solar Turbines, Inc.	armerview.	Dataiii. WE1
Owner:	Solar Turbines, Inc.		
Address:	·	Phone: 281-860	-6709
Town:	Channelview State: TX	County: Harris	
Railway Cor	nnection: None.	,	
Purpose: S	Shipment of turbines, turbine bases and heat exchangers, and compress	sor modules by ba	arge.
Depth Along		Latitude (decimal):	29.762222
Total Berthir	ng Space (feet): 175 400	Longitude (decimal)	: -95.10722
Remarks: T	wo parallel sets of tracks extend to inner end from building at rear, used	d as module fabri	cation shop.□
Year of Last	Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Co	de: 235	
Dt-			
Port:	Houston		
Waterway:	Carpenters Bayou	Mile:	PWD: 077
Name:	Specified: Fuels & Chemicals Wharf.		
Location:	Right bank, Carpenters Bayou, approximately 1.7 miles above mouth,	Channelview.	Datum: MLT
Operator:	Specified: Fuels & Chemicals, L.L.C.		
Owner:	Specified: Fuels & Chemicals, L.L.C.		
Address:	1201 South Sheldon Road.	Phone: 281-457	-2768
Town:	Channelview State: TX	County: Harris	
Railway Cor	nnection: Two surface tracks serving plant in rear connect with Port To	erminal Railroad.	
Purpose: R	Receipt of chemicals and fuels; shipment of naphtha, heavy fuel oil, and	wastewater, all b	y barge.
Depth Along	gside (feet): 12	Latitude (decimal):	29.758889
Total Berthir	ng Space (feet): 449	Longitude (decimal)): -95.12
T 5	Eleven pipelines extend from wharf to 16 storage tanks at rear:□Product fanks □ Size No. No. Total Units (In.) Capac 6,300,000 Gallons□Wastewater)Petroleum)12 1 4 9,240,000 G 2 1)Fuel) 8 2) 7 105,000 Barrels□ oil)□Vaporrecovery 8	ity □Chemio allons□ products	cals 12 6
Year of Last	t Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Co	de: 240	

Port: Houston

Waterway: Carpenters Bayou Mile: PWD: 073

Name: Stolt Barge Service, SBS Houston Mooring Wharf and Slip.

Location: Left bank, Carpenters Bayou, approximately 1.0 mile above mouth, Channelview. Datum: MLT

Operator: Stolt Transportation Services, Division of Stolt-Nielsen S.A., d.b.a. Stolt Barge Ser

Owner: Stolt Transportation Services, Division of Stolt-Nielsen S.A.

Address: 16300 De Zavalla Road. Phone: 281-452-2484

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned barges for stripping, gas-freeing, minor repairs, and storage.

Depth Alongside (feet): 7 - 10 | 0 - 5 | 0 - 5 Total Berthing Space (feet): 450 | 300 | 300 Latitude (decimal): 29.763611 Longitude (decimal): -95.11056

Remarks: *A 50-foot-long steel sheet pile bulkhead with solid fill above slip provides an additional 233 feet of

berthing space along bayou, across the entrance to the slip. Higman Barge Lines, Inc. d.b.a. Maryland Marine: Owns and repairs barges serviced at facility, and operates a repair shop located at rear of wharf. One 12-inch vapor-recovery pipeline extends from slip to flare tower at rear. One 3-inch vacuum pipeline, for recovering liquid bulk commodities, extends from slip and upper portion of wharf to tank-

container-loading rack at rear. One 3-inch compressed air line serves slip.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 237

Port: Houston

Waterway: Carpenters Bayou Mile: PWD: 082

Name: T. L. James, Carpenters Bayou Slip and Mooring.

Location: Right bank, Carpenters Bayou, approximately 0.6 mile above mouth, Houston. Datum: MLT

Operator: T. L. James, Inc. Owner: T. L. James, Inc.

Address: 16639 Jacintoport Boulevard. Phone: 281-452-3373

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Handling dredge pipe, supplies, and equipment; mooring company-owned floating equipment.

 Depth Alongside (feet):
 6
 |
 6 - 7
 |
 6 - 7
 Latitude (decimal):
 29.758056

 Total Berthing Space (feet):
 240
 |
 600
 |
 600
 Longitude (decimal):
 -95.10639

Remarks: Slip is 240 to 300 feet wide. Upper half of slip is owned by Powell Industries, Inc. (Ref. No. 81), but

used for storing dredge pipe by T. L. James, Inc. Building used as office and approximately 11 acres

of open storage area are located at rear of lower half.

Port: Houston

Waterway: Carpenters Bayou Mile: PWD: 068

Name: Tesoro Coastwide Services Co., Houston Wharf.

Location: Left bank, Carpenters Bayou, approximately 0.7 mile above mouth, on old bayou Datum: MLT

channel, Channelview.

Operator: Not operated.

Owner: Tesoro Coastwide Services Co.

Address: 16514 De Zavalla Road. Phone: 713-991-0990

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Not used. (See Remarks.)

Depth Alongside (feet): 11 | Latitude (decimal): 29.761667

Total Berthing Space (feet): 380 | Longitude (decimal): -95.10389

Remarks: Wharf is described as planned in 1999. Plans called for using wharf to load company-owned

bunkering barges by direct transfer from truck.□

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 230

Port: Houston

Waterway: Cedar Bayou Mile: 0.7 PWD: 002

Name: Cedar Point Terminal Wharf.

Location: Left bank, Cedar Bayou, at entrance, Baytown. Datum: MLT

Operator: Not operated.

Owner: Cedar Point Terminal, Inc.

Address: 123 Atlantic Pipeline Road. Phone: 713-464-8623
Town: Baytown State: TX County: Chambers

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 10 | Latitude (decimal): 29.6725

Total Berthing Space (feet): 300 | Longitude (decimal): -94.92833

Remarks: Wharf formerly was used for shipment of crude oil. Two 10-inch pipelines extend to four steel storage

tanks in rear, total capacity 40,000 barrels. □

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60352 Dock Code: 088 Galveston District

Port: Houston Waterway: Cedar Bayou Mile: 10.1 PWD: 005 Name: Bayer Corp., Baytown Plant Barge Dock. Left bank, Cedar Bayou, approximately 1.1 miles below State Highway 146 Bridge. Location: Datum: MLT Baytown. Operator: Bayer Corp. Owner: Bayer Corp. Address: 8500 West Bay Road. Phone: 281-383-6700 State: TX Town: Baytown County: Chambers Railway Connection: Trackage serving plant in rear connects with Union Pacific Railroad. Purpose: Receipt of chemicals and petrochemicals, including acetone, aniline, benzene, phenol, toluene, and 50% caustic soda; shipment of toluene diamine, all by barge. Latitude (decimal): Depth Alongside (feet): 12 29.760556 Longitude (decimal): -94.91667 Total Berthing Space (feet): 500 Ι Remarks: Seven 6-inch pipelines extend from wharf to six steel petrochemical storage tanks, total capacity 5 million gallons, and one caustic soda storage tank, total capacity 1 million gallons. In 1998, plans called for the construction of an additional 400 feet of berthing space on the lower side of the slip, at a row of four breasting dolphins, or at a steel sheet pile bulkhead. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60352 Dock Code: 163 Galveston District Port: Houston Waterway: Cedar Bayou Mile: 10.2 PWD: 007 Name: Houston Shell and Concrete Co., Baytown Ready-Mix, Cedar Bayou Wha Location: Right bank, Cedar Bayou, approximately 1.0 mile below State Highway 146 bridge, Datum: MLT Baytown. Operator: Houston Shell and Concrete Co. Owner: Houston Shell and Concrete Co. Address: 4008 State Highway 146. Phone: 281-427-3931 State: TX Town: Baytown County: Harris Railway Connection: None. Purpose: Receipt of sand and gravel by barge. Depth Alongside (feet): Latitude (decimal): 29.761667 11 Total Berthing Space (feet): 425 Longitude (decimal): -94.91806 Remarks: Approximately 1.5 acres of open storage area, with capacity for 2,400 tons of material, are located in rear of wharf; five bins have a total capacity of 29,000 tons. A belt conveyor extends from recovery tunnel under bins to a dry-mix concrete plant at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60352 Dock Code: 822

Port: Houston Waterway: Cedar Bayou Mile: 11.1 PWD: 006 Name: Boh Brothers Construction Co., Cedar Bayou Mooring. Left bank, Cedar Bayou, approximately 200 feet below State Highway 146 Bridge, Location: Datum: MLT Baytown. Operator: Boh Brothers Construction Co. Owner: Ernest Ezer and Parker Brothers & Co., Inc. Address: 5200 State Highway 146. Phone: 281-383-2772 State: TX Town: Baytown County: Chambers Railway Connection: None. Purpose: Occasional shipment of gravel by barge; occasional mooring of company-owned equipment. Latitude (decimal): Depth Alongside (feet): 10 29.770278 Total Berthing Space (feet): 350 Longitude (decimal): -94.91611 Remarks: Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60352 Dock Code: 215 Galveston District Port: Houston Waterway: Cedar Bayou Mile: 2.6 PWD: 003 Name: Gindal United Steel Corp., Barge Wharf. Left bank, Cedar Bayou, approximately 2.0 miles above entrance, Baytown. Datum: MLT Location: U.S. Denro Steels, Inc., d.b.a. Gindal United Steel Corp. Operator: Owner: U.S. Denro Steels. Inc. FM 1405 South. Phone: 281-383-2525 ex Address: Town: Baytown State: TX County: Chambers Railway Connection: One surface track on outside of gantry crane at edge of bulkhead, and two surface tracks under gantry crane with additional trackage serving plant in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of steel plate; shipment of pipe, all by barge. Depth Alongside (feet): 12 Latitude (decimal): 29.697222 900 Longitude (decimal): -94.91528 Total Berthing Space (feet): Remarks: Plate rolling and pipe-forming mills, and pipe coating plant are located at rear, on opposite side of FM 1405.

Corps of Engnrs Waterway Code: 60352

Year of Last Survey: 1999

Dock Code: 090

Port: Houston

Waterway: Cedar Bayou Mile: 5.5 PWD: 004

Name: Koppel Steel Corp., Cedar Bayou Dock.

Location: Left bank, Cedar Bayou, approximately 5.0 miles above entrance, Baytown. Datum: MLT

Operator: Koppel Steel Corp., a subsidiary of NS Group, Inc.

Owner: NS Group, Inc.

Address: 2600 Spur 55. Phone: 281-383-2603 Town: Baytown State: TX County: Chambers

Railway Connection: None.

Purpose: Receipt of steel pipe by barge.

Depth Alongside (feet): 12 | Latitude (decimal): 29.714444

Total Berthing Space (feet): 230 | Longitude (decimal): -94.93222

Remarks: One acre of open storage area for pipe is located on apron and an additional 4.2 acres are located at

rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60352 Dock Code: 092

Port: **Houston**

Waterway: Cotton Patch Bayou Mile: 44.1 PWD: 256

Name: Huntco Steel Wharf

Location: Right bank, Cotton Patch Bayou, approximately 400 feet above conjunction with Datum: MLT

Houston Ship Channel, Pasa

Operator: Huntco Steel, Inc. and Houston Shell and Concrete Co.

Owner: Huntco Steel. Inc.

Address: 1550 North Witter Road Phone: 713-472-5614

Town: Pasadena State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of steel coils, sand and gravel by barge

Depth Alongside (feet): 16 | Latitude (decimal): 29.735

Total Berthing Space (feet): 400 | Longitude (decimal): -95.20167

Remarks: One sunken steel barge at mouth of Cotton Patch Bayou provides 195 and 35 feet of breasting

distance for transient mooring of barges. Huntco Steel, Inc. operates two steel frame, metal-covered warehouses, total capacity 100,000 square feet, and 12 acres of open storage area, located at rear. Houston Shell and Concrete Co. trucks sand and gravel off site to company-operated concrete plant.

Port: **Houston**

Waterway: Cotton Patch Bayou Mile: 44.1 PWD: 254

Name: Newpark Shipbuilding Pasadena, Barge Slip No. 1

Location: Left bank, Cotton Patch Bayou, approximately 0.2 mile above conjunction with Datum: MLT

Houston Ship Channel, Pasad

Operator: Newpark Shipbuilding Pasadena, subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 1600 North Witter Road Phone: 713-473-5561

Town: Pasadena State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges and small vessels for repair.

 Depth Alongside (feet):
 12
 |
 12
 |
 12
 Latitude (decimal):
 29.733333

 Total Berthing Space (feet):
 150
 |
 540
 |
 230
 Longitude (decimal):
 -95.19944

Remarks: Sandblasting plant is located on apron.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 687 Galveston District

Port: Houston

Waterway: Cotton Patch Bayou Mile: 44.1 PWD: 255

Name: Newpark Shipbuilding Pasadena, Barge Slip No. 2

Location: Left and right banks, Cotton Patch Bayou, approximately 0.2 mile above conjunction Datum: MLT

with Houston Ship Cha

Operator: Newpark Shipbuilding Pasadena, subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 1600 North Witter Road Phone: 713-473-5561

Town: Pasadena State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges and small vessels for repair.

 Depth Alongside (feet):
 12
 |
 12
 |
 12 - 14
 Latitude (decimal):
 29.733611

 Total Berthing Space (feet):
 170
 |
 360
 |
 400
 Longitude (decimal):
 -95.19806

Remarks: Cotton Patch Bayou drains into inner end of slip. \Box

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 687 Galveston District

Port: Houston

Waterway: Cotton Patch Bayou Mile: 44.1 PWD: 253

Name: Newpark Shipbuilding Pasadena, Drydock Slip.

Location: Left bank, Cotton Patch Bayou, approximately 800 feet above conjunction with Datum: MLT

Houston Ship Channel, Pasad

Operator: Newpark Shipbuilding Pasadena, subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 1600 North Witter Road Phone: 713-473-5561

Town: Pasadena State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges and small vessels for repair; mooring floating drydocks.

 Depth Alongside (feet):
 30 | 30 | 30
 Latitude (decimal):
 29.733611

 Total Berthing Space (feet):
 40 | 180 | 240
 Longitude (decimal):
 -95.20194

Remarks: One 1,960- and one 1,785-long ton floating drydocks, 'Nos. 2' and '1,' moor in lower slip, 'No. 2' on two

pivoting, steel truss struts at lower side.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 687 Galveston District

Port: Houston

Waterway: Cotton Patch Bayou Mile: 44.1 PWD: 252

Name: Newpark Shipbuilding Pasadena, West Wharf.

Location: Left bank, Cotton Patch Bayou, above conjunction with Houston Ship Channel, Datum: MLT

Pasadena.

Operator: Newpark Shipbuilding Pasadena, subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 1600 North Witter Road Phone: 713-473-5561

Town: Pasadena State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges and small vessels for repair; mooring towboats for construction and outfitting; mooring

floating drydocks.

 Depth Alongside (feet):
 12 - 13 | 12 - 13 | 12 - 13
 Latitude (decimal):
 29.734722

 Total Berthing Space (feet):
 | 150 | 330
 Longitude (decimal):
 -95.2025

Remarks: One 2,678- and one 535-long ton floating drydocks, 'Nos. 4' and '3,' moor end-to lower portion, with 'No. 4' pivoting on one steel truss strut extending from structure at lower side of Mooring Barge (Ref. No. 251). One 1,070-long ton floating drydock, 'No. 5,' moors on two pivoting, steel truss struts at the

middle portion. Wharf is served by one 4-inch pipeline for removing and replacing vessels' fuels,

extending to one 2,850-barrel storage tank at rear. Marine repair plant is located in rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 687 Galveston District

Port: Houston Waterway: Goose Creek and Tabbs Bay Mile: 28.0 PWD: 008 Name: Pennzoil Exploration & Production Co., Goose Creek Field Docks. Left bank, Goose Creek, at conjunction with Tabbs Bay, Baytown. Location: Datum: MLT Operator: Pennzoil Exploration & Production Co., a division of Pennzoil Corp.; Wood Energy, Inc. Pennzoil Exploration & Production Co., a division of Pennzoil Corp. Owner: Address: 100 Evergreen Road. Phone: 281-422-0855 State: TX Town: Baytown County: Harris Railway Connection: None. Purpose: Handling offshore oil-field supplies and equipment; mooring company-owned service launches and towboat. 3 - 4 Latitude (decimal): Depth Alongside (feet): 4 - 10 | 3 - 4 I 29.708611 Total Berthing Space (feet): 195 25 45 Longitude (decimal): -94.98917 Remarks: Mooring slips are located on left bank of Goose Creek, approximately 400 feet above Ramp Dock. Frank Miller moors Miller Marine Service towboat 'Hot Shot' at upper slip. Two of the upper slips are covered by a timber frame, metal-roofed shelter. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 085 Port: Houston PWD: 114 Mile: Waterway: Greens Bayou Name: Williams Bros. Construction Co. Wharf. Right bank, Greens Bayou, approximately 120 feet below Interstate Highway 10 Location: Datum: MLT bridge, Houston. Williams Bros. Construction Co., Inc. Operator: Owner: Robert Sergeant. Address: 13017 Market Street. Phone: 713-455-6098 Town: Houston State: TX County: Harris Railway Connection: None. Purpose: Receipt of sand and gravel by barge. Latitude (decimal): Depth Alongside (feet): 9 29.770278 Total Berthing Space (feet): 150 Longitude (decimal): -95.19694 Remarks: Approximately three acres of open storage area are located at rear of wharf, with capacity for 3,000

Year of Last Survey: 1999

tons of sand and 3,000 tons of gravel. A concrete mixing plant and casting yard are located at rear.

Corps of Engnrs Waterway Code: 60370 Dock Code: 293

Port: Houston Waterway: Greens Bayou Mile: 0.0 PWD: 128 Name: Joe D. Hughes, DK-02 Wharf and Pier. Right bank, Greens Bayou, above junction with Houston Ship Channel, Houston. Location: Datum: MLT Operator: Joe D. Hughes, division of Brown & Root, Inc. Brown & Root, Inc. Owner: Address: 14035 Industrial Road Phone: 713-450-8970 State: TX Town: Houston County: Harris Railway Connection: Trackage in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of conventional and containerized general cargo and project cargo, including pipe, machinery, and heavy equipment. Depth Alongside (feet): Latitude (decimal): 32 29.748889 Longitude (decimal): -95.16833 Total Berthing Space (feet): 1,081 Remarks: At time of survey (1998), plans called for extending face of wharf 600 feet upsteam and for adding two additional 115-ton, diesel-electric, traveling full portal gantry cranes. Warehouse No. 5 has one section 61 feet wide by 40 feet high, one 58 feet wide by 25 feet high, and two 20 feet wide by 6 feet high. Warehouse No. 4 has seven truckloading platforms, four on the ship side and three at the rear. Approximately 18 acres of open storage area are located atrear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 284 Port: Houston Waterway: Greens Bayou Mile: 0.1 PWD: 106 Name: Port of Houston, Bulk Plant No. 2 Wharf. Left bank, Greens Bayou, approximately 200 feet above junction with Houston Ship Location: Datum: MLT Channel, Houston. Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: 3100 Penn City Road. Phone: 713-671-7103 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring vessels awaiting berth at adjacent Bulk Materials Handling Plant Wharf (Ref. No. 107); mooring tugs and barges. Depth Alongside (feet): 40 Latitude (decimal): 29.748056 Total Berthing Space (feet): Longitude (decimal): -95.16694 510

Year of Last Survey: 1999

Remarks:

Corps of Engnrs Waterway Code: 60370 Dock Code: 283

Galveston District

Port: Houston Waterway: Greens Bayou Mile: 0.2 PWD: 107 Name: Econo-Rail Corp., Port of Houston Bulk-Materials-Handling Plant Wh Left bank, Greens Bayou, approximately 550 feet above junction with Houston Ship Location: Datum: MLT Channel, Houston. Operator: Econo-Rail Corp. Owner: Port of Houston Authority. Address: 3100 Penn City Road. Phone: 713-453-3531 State: TX Town: Houston County: Harris Railway Connection: Two surface tracks in rear serve two receiving pits and one surge loading bin, and join with terminal trackage, including a 380-car-capacity, 4-track storage yard; connect with Port Terminal Railroad. Purpose: Shipment of various dry bulk commodities, including potash, petroleum coke, and fertilizer, and occasionally barite and ammonium sulfate. Depth Alongside (feet): Latitude (decimal): 29.749444 40 Total Berthing Space (feet): 750 Longitude (decimal): -95.16556 Remarks: Econo-Rail Corp.: Operates rail-car-receiving pit serving belt-conveyor system to ship-loading tower. Beaumont Bulk Terminal, Inc., d.b.a. Houston Bulk Terminal: Operates 15 acres of open storage area at rear with capacity for 200,000 tons of petroleum coke, and operates one rail-car-receiving pit serving a radial stacker in their yard, rate 800 tons per hour. Excaliber Minerals, Inc.: Operates a barite grinding mill at rear with capacity forapproximately 30 tons per hour. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 286 Port: Houston Waterway: Greens Bayou Mile: 0.4 PWD: 108 Name: Port of Houston, Greens Bayou Fireboat Dock. Left bank, Greens Bayou, approximately 1,600 feet above junction with Houston Ship Location: Channel, Houston. Operator: Port of Houston Authority.

Railway Connection: None.

Houston

Purpose: Mooring fireboat 'Captain Farnsworth.'

Port of Houston Authority.

3100 Penn City Road.

Depth Alongside (feet): 15 | - | - Latitude (decimal): 29.750833

Total Berthing Space (feet): 92 | - | - Longitude (decimal): -95.16389

Phone: 713-671-7103

County: Harris

Remarks:

Owner:

Town:

Address:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 287

State: TX

Port: Houston

Waterway: **Greens Bayou** Mile: 0.5 PWD: 127

Name: Joe D. Hughes, Lower B Yard, Old Dock Wharf.

Location: Right bank, Greens Bayou, approximately 0.5 mile above junction with Houston Ship Datum: MLT

Channel, Houston.

Operator: Joe D. Hughes, division of Brown & Root, Inc.

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8970

Town: Houston State: TX County: Harris

Railway Connection: Two surface tracks on wharf join additional terminal trackage; connect with Port Terminal

Railroad.

Purpose: Receipt and shipment of conventional general cargo and project cargo, including pipe and machinery,

and occasionally of containerized general cargo; mooring floating derrick.

Depth Alongside (feet): 10 - 20 | 20 | Latitude (decimal): 29.751944

Total Berthing Space (feet): 630 | 420 | Longitude (decimal): -95.16778

Remarks: Floating derrick 'Big John' is based at wharf and available for hire in the Houston, Galveston, and

Texas City port areas. Open storage area of 3 acres is located on apron.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 284

Port: Houston

Waterway: **Greens Bayou** Mile: 0.5 PWD: 109

Name: Port of Houston, Greens Bayou Fleet Mooring.

Location: Left bank, Greens Bayou, approximately 0.5 mile above junction with Houston Ship Datum: MLT

Channel, Houston.

Operator: Lower portion: Megafleet Towing Co., Inc. Upper portion: Not operated.

Owner: Port of Houston Authority.

Address: 3000 Penn City Road. Phone: 713-941-1020

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Lower portion: Mooring barges for fleeting. Upper portion: Not used.

Depth Alongside (feet): 12 - 15 | 12 - 15 | Latitude (decimal): 29.7525

Total Berthing Space (feet): 600 | 2,000 | Longitude (decimal): -95.16528

Remarks: Megafleet Towing Co., Inc.: Fleet at lower portion has capacity for up to six barges on shore wires. At

time of survey (1998), upper portion, formerly used for fleeting barges, was not operated and was

available for lease.

Port: Houston Waterway: Greens Bayou Mile: 0.7 PWD: 126 Name: Joe D. Hughes, Lower B Yard, Concrete Slab Wharf. Right bank, Greens Bayou, approximately 0.7 mile above junction with Houston Ship Location: Datum: MLT Channel, Houston. Operator: Joe D. Hughes and Brown & Root Energy Services, divisions of Brown & Root, Inc. Owner: Brown & Root, Inc. Address: 14035 Industrial Road Phone: 713-450-8970 State: TX Town: Houston County: Harris Railway Connection: Two surface tracks in rear join additional trackage; connect with Port Terminal Railroad. Purpose: Receipt and shipment of heavy-lift, conventional, and containerized general cargo by barge; occasionally mooring small vessels, barges, and offshore oil well drilling platforms for outfitting and repair. Depth Alongside (feet): Latitude (decimal): 10 Total Berthing Space (feet): 1,148 | Longitude (decimal): -95.17028 Remarks: Approximately 3.8 acres of open storage area for cargo are located on apron. □□ Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Port: Houston PWD: 125 Waterway: Greens Bayou Mile: 0.9 Name: Brown & Root Energy Services, Marine Yard, Upper B Yard Wharf. Right bank, Greens Bayou, approximately 0.9 mile above junction with Houston Ship Location: Datum: MLT Channel, Houston. Brown & Root Energy Services and Joe D. Hughes, divisions of Brown & Root, Inc. Operator: Owner: Brown & Root, Inc. Address: 14035 Industrial Road Phone: 713-450-8880 Town: Houston State: TX County: Harris Railway Connection: Two surface tracks in rear join additional trackage; connect with Port Terminal Railroad. Purpose: Mooring small vessels, barges, and offshore oil well drilling platforms for outfitting and repair. Occasional receipt and shipment of heavy-lift, conventional and containerized general cargo by barge. Latitude (decimal): 29.7525 Depth Alongside (feet): 10 10 Total Berthing Space (feet): 665 Longitude (decimal): -95.17389 390 Ι

Corps of Engnrs Waterway Code: 60370

U.S. Army Corps of Engineers Water Resources Support Center Navigation Data Center

Remarks:

Year of Last Survey: 1999

Dock Code: 282

Port: **Houston**

Waterway: Greens Bayou Mile: 1.1 PWD: 124

Name: Brown & Root Energy Services, Marine Yard, Slip A and Wharf.

Location: Right bank, Greens Bayou, approximately 1.1 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Brown & Root Energy Services, division of Brown & Root, Inc.

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8880

Town: Houston State: TX County: Harris

Railway Connection: One surface track along lower side of slip joins additional trackage in rear; connects with

Port Terminal Railroad.

Purpose: Mooring steel fabricated structures for the construction of offshore oil well drilling platforms; receipt of

structural steel and steel pipe.

Depth Alongside (feet): 12 - 14 | 12 - 14 | 12 - 14 | 12 - 14 | Latitude (decimal): 29.752222

Total Berthing Space (feet): 344 | 373 | 190 Longitude (decimal): -95.17667

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 282

Port: Houston

Waterway: Greens Bayou Mile: 1.1 PWD: 123

Name: Brown & Root Energy Services, Marine Yard, Slip B and Wharf.

Location: Right bank, Greens Bayou, approximately 1.1 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Brown & Root Energy Services, division of Brown & Root, Inc.

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8880

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring steel fabricated structures for the construction of offshore oil well drilling platforms; receipt of

structural steel and steel pipe.

Depth Alongside (feet): 12 - 14 | 12 - 14 | 12 - 14 | 12 - 14 | 29.753333 Total Berthing Space (feet): 294 | 334 | 170 Longitude (decimal): -95.17778

Remarks:

Port: **Houston**

Waterway: **Greens Bayou** Mile: 1.1 PWD: 110

Name: ISK Magnetics Landing.

Location: Left bank, Greens Bayou, approximately 1.1 miles above junction with Houston Ship Datum: MLT

Channel, Houston.

Operator: ISK Magnetics, Inc.
Owner: ISK Magnetics, Inc.

Address: 2237 Haden Road. Phone: 713-393-3770

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Occasional receipt of plant equipment by barge.

Depth Alongside (feet): 3 - 6 | | Latitude (decimal): 29.754722

Total Berthing Space (feet): 1,350 | Longitude (decimal): -95.17639

Remarks: Landing formerly was used for mooring barges awaiting repair at other facilities on Greens Bayou.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 289

Port: Houston

Waterway: **Greens Bayou** Mile: 1.2 PWD: 122

Name: Brown & Root Energy Services, Marine Yard, C Yard Wharf.

Location: Right bank, Greens Bayou, approximately 1.2 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Brown & Root Energy Services, division of Brown & Root, Inc.

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8880

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring steel fabricated structures for the construction of offshore oil well drilling platforms; receipt of

structural steel and steel pipe.

Depth Alongside (feet): 15 - 18 | 15 - 18 | 15 - 18 | 15 - 18 | Latitude (decimal): 29.755

Total Berthing Space (feet): 200 | 194 | 620 Longitude (decimal): -95.17806

Remarks: Oxygen, acetylene gas, and compressed air lines serve wharf. □□

Port: Houston

Waterway: Greens Bayou Mile: 1.4 PWD: 121

Name: Brown & Root Energy Services, Marine Yard, Upper Slip and Barge Wh

Location: Right bank, Greens Bayou, approximately 1.4 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Brown & Root Energy Services, division of Brown & Root, Inc.

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8880

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Handling prefabricated quarters and shop buildings, and other units for offshore oil well drilling

platforms.

Depth Alongside (feet): 16 | 4 - 10 | Latitude (decimal): 29.756111

Total Berthing Space (feet): 454 | 215 | Longitude (decimal): -95.17944

Remarks: Slip is approximately 160 feet wide. Oxygen, acetylene gas, and compressed air lines serve slip and

wharf.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 282

Port: Houston

Waterway: Greens Bayou Mile: 1.4 PWD: 120

Name: Trinity-Platzer Shipyard, Greens Bayou Barge-Cleaning Wharf and SI

Location: Right bank, Greens Bayou, approximately 1.4 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Trinity Industries, Inc.
Owner: Brown & Root, Inc.

Address: Industrial Road. Phone: 713-676-4313

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Transient mooring of barges.

Depth Alongside (feet): 5 | 0 - 6 Latitude (decimal): 29.756389

Total Berthing Space (feet): 285 | 470 Longitude (decimal): -95.18028

Remarks: Wharf fronts steel sheet pile bulkhead extending to Newpark Shipbuilding's Greens Bayou Lower

Marine Railway Slip Wharf (Ref. No. 119). Facility formerly was used for stripping, cleaning, and gasfreeing barges. One 6-inch vacuum line serves wharf, and 4-inch vacuum, steam, washwater, and compressed air lines serve slip side. One 2-inch vacuum pipeline for liquid-bulk-commodity recovery

extends from slip side to treatment plant at rear.

Port: Houston

Waterway: Greens Bayou Mile: 1.5 PWD: 119

Name: Newpark Shipbuilding Greens Bayou, Lower Marine Railway Slip and W

Location: Right bank, Greens Bayou, approximately 1.5 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Newpark Shipbuilding Greens Bayou Fabricators, a subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 13601 Industrial Road. Phone: 713-453-7251

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for repair and conversion.

Depth Alongside (feet): 16 | 16 | 3 - 4 Latitude (decimal): 29.7575

Total Berthing Space (feet): 200 | 305 | 300 Longitude (decimal): -95.18056

Remarks: Wharf bulkhead is in line and contiguous with 75-foot bulkhead on lower side, owned by Brown and

Root, Inc. (Ref. No. 120), providing for a total of 230 feet of breasting distance. Slip is 150 feet wide at outer 90-foot portion and 120 feet wide at inner 190-foot portion. One 1,200-ton marine railway and a barge construction and repair yard, equipped with a transverse rail transfer system, are located at inner

end of slip. Wharf is served by 6-inch vacuum line.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 297

Port: Houston

Waterway: Greens Bayou Mile: 1.5 PWD: 111

Name: The Merichem Co. Wharf.

Location: Left bank, Greens Bayou, approximately 1.5 miles above junction with Houston Ship Datum: MLT

Channel, Houston.

Operator: The Merichem Co.
Owner: The Merichem Co.

Address: 1914 Haden Road. Phone: 713-455-1311
Town: Houston State: TX County: Harris

Railway Connection: One surface track serving plant in rear connects with Port Terminal Railroad.

Purpose: Receipt of spent caustic soda; shipment of cresylic acid and other petrochemicals, all by barge.

Depth Alongside (feet): 9 - 10 I - I Latitude (decimal): 29.758611

Depth Alongside (feet): 9 - 10 | - | Latitude (decimal): 29.758

Total Berthing Space (feet): 400 | - | Longitude (decimal): -95.18

Remarks: Two 6-inch pipelines extend to wharf from nine steel storage tanks in rear, total capacity 4,620,000

gallons.□

Port: **Houston**

Waterway: Greens Bayou Mile: 1.6 PWD: 118

Name: Newpark Shipbuilding Greens Bayou, Upper Marine Railway Slip and W

Location: Right bank, Greens Bayou, approximately 1.6 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Newpark Shipbuilding Greens Bayou Fabricators, a subsidiary of First Wave Marine, Inc

Owner: First Wave Marine, Inc.

Address: 13601 Industrial Road. Phone: 713-453-7251

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for repair and conversion.

Depth Alongside (feet): 3 - 4 | 0 - 12 | 0 - 12 Latitude (decimal): 29.758333

Total Berthing Space (feet): 320 | 330 Longitude (decimal): -95.18139

Remarks: Natural bank below slip is fronted by two steel pipe pile breasting dolphins, one with steel approach,

providing 130 feet of breasting distance. Slip is approximately 50 feet wide. One 170-ton marine

railway is located at inner end of slip.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 297

Port: **Houston**

Waterway: Greens Bayou Mile: 1.7 PWD: 117

Name: Channel Refining Corp. Wharf.

Location: Right bank, Greens Bayou, approximately 1.7 miles above junction with Houston Datum: MLT

Ship Channel, Houston.

Operator: Channel Refining Corp.
Owner: Channel Refining Corp.

Address: 13605 Industrial Road. Phone: 713-450-1774

Town: Houston State: TX County: Harris

Railway Connection: One surface track at rear connects with Port Terminal Railroad. Purpose: Receipt of reclaimed oil and acetone; shipment of fuel oils and base oil.

Depth Alongside (feet): 5 - 6 | 5 - 6 | Latitude (decimal): 29.760278

Total Berthing Space (feet): 290 | 210 | Longitude (decimal): -95.18333

Remarks: One 6-inch pipeline extends from wharf to two waste material storage tanks at rear, total capacity

20,000 barrels. One 6-inch pipeline extends to wharf from two fuel oil storage tanks, total capacity

20,000 barrels. A used oil-processing plant is located at rear.

Port: Houston Waterway: Greens Bayou Mile: 1.8 PWD: 112 Name: Coastal Products & Chemicals, Houston Dock A Wharf. Left bank, Greens Bayou, approximately 1.8 miles above junction with Houston Ship Location: Datum: MLT Channel, Houston. Operator: Aluminum Chemicals, Inc., d.b.a. Coastal Products & Chemicals. Owner: Aluminum Chemicals, Inc., d.b.a. Coastal Products & Chemicals. Address: 1632 Haden Road. Phone: 713-658-9000 State: TX Town: Houston County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Receipt of caustic soda; receipt and shipment of aluminum sulfate, all by barge. Latitude (decimal): Depth Alongside (feet): 16 29.761111 Total Berthing Space (feet): 230 Longitude (decimal): -95.18444 Remarks: One 6-inch pipeline extends from wharf to 11 aluminum sulfate storage tanks, total capacity 840,000 gallons, and to one 420,000-gallon caustic soda storage tank. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 291 Port: Houston Waterway: Greens Bayou Mile: 2.4 PWD: 116 Name: Byer's Barge Terminal Wharf. Location: Right bank, Greens Bayou, approximately 1,000 feet below Port Terminal Railroad Datum: MLT bridge, Houston. Operator: Not operated. Owner: Glen E. Seureau II. Address: 13031 Industrial Road. Phone: 713-529-3435 Town: Houston State: TX County: Harris Railway Connection: One surface track in open storage area, at rear of upper section, connects with Port Terminal Railroad. Purpose: Not used. Latitude (decimal): 29.762222 Depth Alongside (feet): 11 - 12 Total Berthing Space (feet): 1,100 | 500 Longitude (decimal): -95.19083

Remarks: Bulkheads formerly were used for shipment of scrap metal and handling construction equipment and supplies by barge. Slip, formed by natural bank above lower section of bulkhead, formerly was used for hauling-out steel barges for scrapping. One 225- by 90-foot warehouse is located at rear of upper

section of bulkhead, and approximately 40 acres of open storage area are available at rear.

Port: Houston

Waterway: **Greens Bayou** Mile: 2.8 PWD: 113

Name: Georgia-Pacific Resins, Houston Barge Wharf.

Location: Left bank, Greens Bayou, between Port Terminal and Union Pacific Railroad bridges, Datum: MLT

Houston.

Operator: Georgia-Pacific Resins, Inc.
Owner: Georgia-Pacific Resins, Inc.

Address: 1503 Haden Road. Phone: 713-451-8300

Town: Houston State: TX County: Harris

Railway Connection: Plant trackage in rear connects with Union Pacific Railroad.

Purpose: Receipt of methanol by barge.

 Depth Alongside (feet):
 12 | - | Latitude (decimal):
 29.765833

 Total Berthing Space (feet):
 195 | - | Longitude (decimal):
 -95.18806

Remarks: One 6-inch pipeline extends from wharf to one 749,700-gallon, steel storage tank located at plant in

rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 292

Port: Houston

Waterway: **Greens Bayou** Mile: 2.8 PWD: 115

Name: MMKK Walton Barge Terminal, Wharf and Barge Slip.

Location: Right bank, Greens Bayou, between Union Pacific and Port Terminal Railroad Datum: MLT

bridges, Houston.

Operator: MMKK, Inc., d.b.a. Walton Barge Terminal.

Owner: Glen E. Seureau II. Address: 13020 Sarah's Lane.

Address: 13020 Sarah's Lane. Phone: 713-453-6311
Town: Houston State: TX County: Harris

Railway Connection: Three surface tracks along rear of upper side of slip extending to 4 warehouses in rear;

connect with Port Terminal Railroad. Two surface tracks serving 6 warehouses in rear;

connect with Union Pacific RR.

Purpose: Receipt and shipment of fiber glass tanks, steel pipe, steel products, and newsprint by barge, and of

petroleum coke by LASH barge; receipt of bulk fertilizers and ferroalloys by barge.

 Depth Alongside (feet):
 9 - 10 | 9 - 10 | 9 - 10
 Latitude (decimal):
 29.766111

 Total Berthing Space (feet):
 242 & | 303 | 316
 Longitude (decimal):
 -95.18944

Remarks: Ten private warehouses are located at terminal, providing a total of 275,000 square feet of covered area with at least 25 feet of clear storage height. Warehouse No. 1 is located in rear of upper side of slip, it and another three warehouses are located south of the Union Pacific Railroad tracks, and the

remaining warehouses are located on the opposite side of the tracks. Approximately 60 acres of open storage area are located in rear.

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 224

Name: Buffalo Marine Service, Harms Dock

Location: Right bank, Harrisburg Bend, approximately 450 feet below Cypress Street Bridge, Datum: MLT

Houston

Operator: Buffalo Marine Service, Inc.

Owner: Robert Harms

Address: 601 Frio Street Phone: 713-923-5571

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned equipment.

Depth Alongside (feet): 12 | Latitude (decimal): 29.721389

Total Berthing Space (feet): 165 | Longitude (decimal): -95.27611

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 624 Galveston District

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 226

Name: Buffalo Marine Service, Lower Mooring

Location: Right bank, Harrisburg Bend, approximately 900 feet below Cypress Street Bridge, Datum: MLT

Houston

Operator: Buffalo Marine Service, Inc.

Owner: Milby Estate.

Address: 8205 E. Erath Street Phone: 713-923-5571

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned equipment.

Depth Alongside (feet): 14 | 14 | Latitude (decimal): 29.720833

Total Berthing Space (feet): 220 | 200 | Longitude (decimal): -95.27444

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 624 Galveston District

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 225

Name: Buffalo Marine Service, Upper Mooring Wharf.

Location: Right bank, Harrisburg Bend, approximately 550 feet below Cypress Street Bridge, Datum: MLT

Houston

Operator: Buffalo Marine Service, Inc.
Owner: Buffalo Marine Service, Inc.

Address: 8201 E. Erath Street Phone: 713-923-5571

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned equipment.

Depth Alongside (feet): 12 | Latitude (decimal): 29.721111

Total Berthing Space (feet): 300 | Longitude (decimal): -95.27556

Remarks: Building used as company office located at rear. \Box

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 624 Galveston District

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 223

Name: Gantt Marine Service Mooring

Location: Right bank, Harrisburg Bend, approximately 30 feet below Cypress Street Bridge, Datum: MLT

Houston

Operator: Gantt Marine Service Inc.
Owner: Port of Houston Authority

Address: 8200 Cypress Street Phone: 713-921-3333

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned towboats.

Depth Alongside (feet): 10 - 12 | Latitude (decimal): 29.7225

Total Berthing Space (feet): 80 | Longitude (decimal): -95.27667

Remarks: Building used as operator's office is located at rear.

Port: **Houston**

Waterway: Harrisburg Bend Mile: 48.8 PWD: 220

Name: Newpark Shipbuilding and Repair, East Wharf and South Dock.

Location: Left bank, Harrisburg Bend, above lower junction with Houston Ship Channel, on Datum: MLT

Brady Island, Houston.

Operator: Newpark Shipbuilding and Repair, Inc., subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 8502 Cypress Street Phone: 713-928-5051

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring vessels for repair, construction, outfitting, and conversion; mooring tugboat.

Depth Alongside (feet): 3 - 8 | 3 - 8 Latitude (decimal): 29.723333

Total Berthing Space (feet): 600 | 420 Longitude (decimal): -95.27222

Remarks: One 1,500-ton, tilt-beam, side-launch way is assembled along 300 feet of South Dock as needed.

Marine repair plant is located at rear. Welding connections are available.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 618 Galveston District

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 221

Name: Newpark Shipbuilding and Repair, Gas Freeing Plant, A and B Docks

Location: Left bank, Harrisburg Bend, approximately 700 feet below Cypress Street Bridge, at Datum: MLT

upper side of slip in

Operator: Newpark Shipbuilding and Repair, Inc., subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 8502 Cypress Street Phone: 713-928-5051

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for cleaning and gas freeing.

 Depth Alongside (feet):
 6 - 12 | 6 - 12 |
 Latitude (decimal):
 29.721389

 Total Berthing Space (feet):
 200 | 300 |
 Longitude (decimal):
 -95.275

Remarks: Slip is approximately 150 feet wide. One 1,000-ton marine railway is located at inner end of slip. One

12- and one 8-inch vacuum lines extend from wharf to gas freeing plant and flare tower at rear. Two 4-

and one 2-inch compressed air lines serve wharf.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 618 Galveston District

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 222

Name: Newpark Shipbuilding and Repair, Gas Freeing Plant, C and D Docks

Location: Left bank, Harrisburg Bend, approximately 400 and 160 feet below Cypress Street Datum: MLT

Bridge, on Brady Island,

Operator: Newpark Shipbuilding and Repair, Inc., subsidiary of First Wave Marine, Inc.

Owner: First Wave Marine, Inc.

Address: 8502 Cypress Street Phone: 713-928-5051

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for cleaning and gas-freeing

Depth Alongside (feet): 6 - 8 | 6 - 8 | Latitude (decimal): 29.721667

Total Berthing Space (feet): 300 | 200 | Longitude (decimal): -95.27556

Remarks: One 6-inch vacuum line extends from each wharf to gas freeing plant and flare tower at rear. One 4-

and one 2-inch compressed air lines serve wharves.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 618 Galveston District

Port: Houston

Waterway: Harrisburg Bend Mile: 48.8 PWD: 227

Name: Rhodia, Houston Plant, Manchester Dock Wharf.

Location: Right bank, Harrisburg Bend, above lower junction with Houston Ship Channel, Datum: MLT

Houston.

Operator: Rhodia Inc.
Owner: Rhodia Inc.

Address: 8615 Manchester Boulevard Phone: 713-924-1405
Town: Houston State: TX County: Harris

Railway Connection: Trackage serving chemical plant in rear connects with Port Terminal Railroad.

Purpose: Receipt of liquid sulphur; receipt and shipment of fresh and spent sulfuric acid.

Depth Alongside (feet): 10 | 10 | 10 Latitude (decimal): 29.722222

Total Berthing Space (feet): 713 | 322 | 282 Longitude (decimal): -95.2725

Remarks: One 8-, and three 6-inch pipelines extend from wharf to 23 fresh acid storage tanks, total capacity 6,500,000 gallons, and 3 spent acid storage tanks, total capacity 3,250,000 gallons. One 8-inch steam-

traced pipeline extends from wharf to 2 steel, liquid sulphur storage tanks, total capacity 8,000 tons.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 626 Galveston District

Port: **Houston**

Waterway: Harrisburg Bend Mile: 49.2 PWD: 216

Name: Halter Marine Group, Bludworth Bond Shipyard, Houston Yard, Harris

Location: Right bank, Harrisburg Bend, at upper entrance. Datum: MLT

Operator: Halter Marine Group, Bludworth Bond Shipyard, Inc.
Owner: Halter Marine Group, Bludworth Bond Shipyard, Inc.

Address: 8114 Hockley Street Phone: 713-923-2001

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges, small vessels, and offshore drilling rig modules for repair, conversion, and

construction; mooring floating drydocks.

 Depth Alongside (feet):
 20 - 25 | 10 - 20 | 10
 Latitude (decimal):
 29.725

 Total Berthing Space (feet):
 180 | 45 | 560
 Longitude (decimal):
 -95.27722

Remarks: One 870-long ton floating 'Drydock No. 3' moors at upper section of upper portion of wharf. Remainder

of wharf provides 740 feet of berthing space. One 2,500-ton, tilt-beam, side-launch way is located along 180 feet of lower portion, and fabrication shop is located in rear. Wharf is served by 3-inch pipelines for removing and replacing vessels' fuels, extending to storage tanks described under Brays

Bayou Wharf (Ref. No. 215).

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 608 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 26.1 PWD: 311

Name: Port of Houston, Morgans Point Tug and Towboat Mooring.

Location: Right bank, Houston Ship Channel, approximately 400 feet below entrance to Datum: MLT

Barbours Cut, on Morgans Poin

Operator: Not operated.

Owner: Port of Houston Authority.

Address: 3920 East Main Street Phone: 281-470-8053

Town: La Porte State: TX County: Harris

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 25 | Latitude (decimal): 29.681111

Total Berthing Space (feet): 175 | Longitude (decimal): -94.9825

Remarks: Dolphins and walkways, in deteriorated condition at time of survey (1997), formerly were used to moor

tugs and towboats. Small building in rear is used as dispatch office and marine reporting station for

Morgans Point Maritime Service, Inc.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 922 Galveston District

Port:	Houston							
	Houston Ship (Shannal				Mile: 30.3	PWD:	009
Name:	-		- Definent Dies	No. 4		WIIIC. OU.U	T VVD.	000
	Exxon Co., U.S.A., Baytown Refinery, Pier No. 1. Left bank, Houston Ship Channel, approximately 1.3 miles above Fred Hartman Datum: MLT							
Location:	Left bank, Houston Ship Channel, approximately 1.3 miles above Fred (State Highway 146) Bridge,					nan	Datum:	IVIL I
Operator:	Exxon Co., U.S.A							
Owner:	Exxon Co., U.S.A							
Address:	Bayway Drive.	•			Phone	e: 281-834	-4768	
Town:	Baytown		State: TX			y: Harris		
	•	rackage servin	g oil refinery in rea	ar connects		•	1 .	
•		•	m products and pe					
Depth Along	•	40 I -	-		•	le (decimal):	29.724	444
	• • •	1,350 j -	i -		Longit	ude (decimal)	: -95.02	
	• ,		, thirty-six 6-, and o	one 1 1/2-ir	nch pipelines ex	tend from w	harf to s	teel
			mical storage tank					
			ts, total capacity 10					
			12-inch ballast line n Chemical Co.,U.					
	co's., U.S.A. piers.	atieai. LXX	in Chemical Co., o.	.o.A. receiv	es and simps p	loducis ove	I LIIC LAA	OH
	•	Company of English	\\/ata=a	~. 00270	Dools Code: 40			District
Year of Last	Survey: 1999	Corps of Engl	nrs Waterway Cod	e:60370	Dock Code: 13) G	alveston	DISTRICT
Port:	Houston							
Waterway:	Houston Ship (Channel				Mile: 30.4	PWD:	010
Name:	Rhodia, Baytov		d Dock Wharf.					
Location: Left bank, Houston Ship Channel, approximately 1.5 miles above Fred Hartman Datum: ML								
	(State Highway 14		э, эрргэг					
Operator:	Rhodia, Inc.							
Owner:	Rhodia, Inc.							
Address:	Bayway Drive.				Phone	e: 713-924	-1441	
Town:	Baytown		State: TX		Count	y: Harris		
Railway Cor			g Exxon Co.'s, U.S Pacific Railroad.	S.A. Baytow	n Refinery (Re	f. No. 9) in r	ear conn	ects
Purpose: R	Receipt and shipme	ent of sulfuric a	acid and spent sulf	uric acid by	/ barge.			
Depth Along	gside (feet):	30 -	-		Latitud	le (decimal):	29.727	778
Total Berthin	ng Space (feet):	250	Ī		Longit	ude (decimal)	: -95.020	28
	wo 4-inch pipeline street, total capacit		wharf to two sulfurns.□	ric acid stor	age tanks at pl	ant located	at 3439 F	Park
Year of Last	Survey: 1999	Corps of Engi	nrs Waterway Cod	e: 60370	Dock Code: 13	0		

Port: Houston Waterway: Houston Ship Channel Mile: 30.5 PWD: 013 Name: Exxon Co., U.S.A., Baytown Refinery, Berth No. 8 Wharf. Left bank, Houston Ship Channel, approximately 1.6 miles above Fred Hartman Location: Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 State: TX Town: Baytown County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Receipt of caustic soda; shipment of spent caustic soda, all by barge. Latitude (decimal): Depth Alongside (feet): 16 29.728889 Total Berthing Space (feet): 300 Longitude (decimal): -95.02 Remarks: Three 6-inch pipelines extend to one 300,000-gallon-capacity caustic soda storage tank, and one 300,000-gallon-capacity, spent, caustic soda storage tank at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 **Galveston District** Dock Code: 131 Port: Houston Mile: 30.5 PWD: 011 Waterway: Houston Ship Channel Name: Exxon Co., U.S.A., Baytown Refinery, Pier No. 2. Location: Left bank, Houston Ship Channel, approximately 1.6 miles above Fred Hartman Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 Town: Baytown State: TX County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Receipt of crude oil and ballast water; receipt and shipment of petroleum products, chemicals, and petrochemicals. Depth Alongside (feet): Latitude (decimal): 29.727222 40 40 Total Berthing Space (feet): 810 810 Longitude (decimal): -95.02167 -Т Remarks: Two 24-, four 16-, six 12-, fourteen 8-, two 6-, and one 2-inch pipelines extend from pier to 22 crude oil storage tanks, total capacity 6,340,000 barrels; to some of the seven chemical storage tanks that connect to refinery piers, total capacity 88,200,000 gallons; and to some of the petroleum products and petrochemical storage tanks described in Remarks under Pier No. 1 (Ref. No. 9). One 12-inch pipeline

No. 9. Year of Last Survey: 1999

on pier connects with one 24-inch ballast line onshore extending to storage tank described under Ref.

Dock Code: 131

Galveston District

Corps of Engnrs Waterway Code: 60370

Port: Houston Waterway: Houston Ship Channel Mile: 30.5 PWD: 014 Name: Exxon Co., U.S.A., Baytown Refinery, Pier No. 4. Left bank, Houston Ship Channel, approximately 1.6 miles above Fred Hartman Location: Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 State: TX Town: Baytown County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals by barge. Depth Alongside (feet): Latitude (decimal): 16 16 29.73 Total Berthing Space (feet): 350 350 Longitude (decimal): -95.02 Remarks: Sixteen 8-, and one 4-inch pipelines extend from pier to some of the petroleum products and petrochemical storage tanks described under Pier No. 1 (Ref. No. 9). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 131 **Galveston District** Port: Houston PWD: 012 Mile: 30.5 Waterway: Houston Ship Channel Name: Exxon Co., U.S.A., Baytown Refinery, Pier No. 5. Location: Left bank, Houston Ship Channel, approximately 1.6 miles above Fred Hartman Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 Town: Baytown State: TX County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Receipt and shipment of crude oil and petroleum products, including fuel oils; receipt of ballast water. Depth Alongside (feet): Latitude (decimal): 40 40 29.728056

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 131 Galveston District

tanks described under Ref. No. 11, and some of the petroleum products storage tanks described under Ref. No. 9. One 12-inch ballast line on pier joins with ballast line on shore extending to storage tank described under Ref. No. 9. Piers Nos. 2 and 5 (Ref. Nos. 11 and 12) are parallel and spaced

820

Remarks: One 36-, two 20-, three 16-, two 10-, and one 8-inch pipelines extend from pier to crude oil storage

Longitude (decimal): -95.02306

810

Total Berthing Space (feet):

approximately 420 feet apart.

Port: Houston Waterway: Houston Ship Channel Mile: 30.5 PWD: 015 Name: Exxon Co., U.S.A., Baytown Refinery, Pier No. 6. Left bank, Houston Ship Channel, approximately 1.6 miles above Fred Hartman Location: Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 State: TX Town: Baytown County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Shipment of hot coker feed (asphalt) and liquid sulphur by barge. Depth Alongside (feet): Latitude (decimal): 16 16 29.730556 Total Berthing Space (feet): 250 400 Longitude (decimal): -95.01944 Remarks: One 8-, and one 10-inch pipelines extend to wharf from two steel asphalt (hot coker feed) storage tanks, total capacity 136,000 barrels, and one steel sulphur storage tank, total capacity 9,000 tons. Dock Code: 131 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 **Galveston District** Port: Houston PWD: 016 Mile: 30.6 Waterway: Houston Ship Channel Name: Exxon Co., U.S.A., Baytown Refinery, Pier No. 7. Location: Left bank, Houston Ship Channel, approximately 1.7 miles above Fred Hartman Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 Town: Baytown State: TX County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products; receipt of naphtha, all by barge. Depth Alongside (feet): Latitude (decimal): 16 16 29.731944 Total Berthing Space (feet): 607 607 Longitude (decimal): -95.02056 Remarks: One 20-, two 12-, and one 10-inch pipelines extend to pier from some of the petroleum products

Year of Last Survey: 1999

storage tanks described under Pier No. 1 (Ref. No. 9). One 2-inch naphtha pipeline extends from pier

Galveston District

Corps of Engnrs Waterway Code: 60370 Dock Code: 131

to two storage tanks at Baytown's Olefins Plant, total capacity 288,000 barrels.

Port: Houston Waterway: Houston Ship Channel Mile: 30.6 PWD: 017 Name: Exxon Co., U.S.A., Tug Boat Wharf. Left bank, Houston Ship Channel, approximately 1.7 miles above Fred Hartman Location: Datum: MLT (State Highway 146) Bridge, Operator: Exxon Co., U.S.A. Owner: Exxon Co., U.S.A. Address: Bayway Drive. Phone: 281-834-4768 State: TX Town: Baytown County: Harris Railway Connection: Plant trackage serving oil refinery in rear connects with Union Pacific Railroad. Purpose: Mooring tugboats; occasional receipt of plant-processing equipment by barge. Depth Alongside (feet): Latitude (decimal): 16 29.733056 Total Berthing Space (feet): 250 Longitude (decimal): -95.02028 Remarks: A steel pile, steel-decked pier located above wharf provides 25 feet of berthing space for spill-response boats.□ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 131 Galveston District Port: Houston PWD: 018 Waterway: Houston Ship Channel Mile: 30.7 Name: Sea River Maritime, Baytown Barge Fleet. Location: Left bank, Houston Ship Channel, approximately 1.8 miles above Fred Hartman Datum: MLT (State Highway 146) Bridge, Operator: Sea River Maritime, Inc. Owner: Sea River Maritime. Inc. Phone: 713-758-5000 Address: Bayway Drive. Town: Baytown State: TX County: Harris Railway Connection: None. Purpose: Mooring company-owned tank barges. Latitude (decimal): Depth Alongside (feet): 13 29.731944

Total Berthing Space (feet): 1,200 |

Year of Last Survey: 1999

Remarks: Fleet has capacity for mooring 15 barges, 4 barges wide. □□

Corps of Engnrs Waterway Code: 60370

Longitude (decimal): -95.0225

Dock Code: 101

Port: Houston Waterway: Houston Ship Channel Mile: 32.1 PWD: 295 Name: Houston Lighting & Power Co., Sam Bertron Electrical Generating St Right bank, Houston Ship Channel, upper side of Barnes Island, on lower side of Location: Datum: MLT company-owned barge slip Operator: Not operated. Owner: Houston Lighting & Power Co. Address: 2012 Miller Cut Off Road. Phone: 281-479-0818 State: TX Town: La Porte County: Harris Railway Connection: Surface tracks serving power plant in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Not used. Latitude (decimal): Depth Alongside (feet): 29.727222 10 Longitude (decimal): -95.05556 Total Berthing Space (feet): 300 Ι Remarks: Wharf formerly was used for receipt of fuel oil by barge for plant consumption and is maintained on a standby basis. One 14-inch pipeline extends from wharf to 7 steel storage tanks at power plant in rear, total capacity 1,200,000 barrels. At time of survey (1997) fuel oil was received by pipeline. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 836 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 35.0 PWD: 294 Name: Harris County, San Jacinto State Historical Park Ferry Slip. Location: Right bank, Houston Ship Channel, opposite mouth of San Jacinto River, La Porte Datum: MLT Harris County Commissioners Court. Operator: Owner: Harris County Commissioners Court. Address: Tidal Road. Phone: 713-424-3521 Town: La Porte State: TX County: Harris Railway Connection: None. Purpose: Landing for passenger and vehicular ferries. 25 - 30 Latitude (decimal): 29.762222 Depth Alongside (feet):

Remarks: Ferries operate to Lynchburg Ferry Slip on opposite side of Houston Ship Channel (Ref. No. 23). □

Corps of Engnrs Waterway Code: 60370

Total Berthing Space (feet):

Year of Last Survey: 1999

62

Longitude (decimal): -95.08056

Dock Code: 804

Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 35.5 PWD: 065

Name: Sunbelt Cement, De Zavalla Terminal Wharf.

Location: Left bank, Houston Ship Channel, above junction with Old River, Channelview. Datum: MLT

Operator: Sunbelt Cement, Inc.
Owner: Sunbelt Cement, Inc.

Address: 16530 De Zavalla Road. Phone: 281-457-0031

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of bulk cement by ship and occasional shipment by barge.

Depth Alongside (feet): 40 | 8 | 40 Latitude (decimal): 29.762222

Total Berthing Space (feet): 850 | 200 | Longitude (decimal): -95.09167

Remarks: Six concrete and four steel storage silos at terminal in rear have total capacity for 66,000 tons of

cement.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 226

Port: **Houston**

Waterway: Houston Ship Channel Mile: 35.8 PWD: 293

Name: San Jacinto State Historical Park, 'Sam Houston' Landing

Location: Right bank, Houston Ship Channel, approximately 150 feet above Battleship 'Texas' Datum: MLT

Memorial slip, La Port

Operator: State of Texas Parks and Wildlife Department

Owner: State of Texas

Address: 3527 State Highway 134 Phone: 281-479-2431

Town: La Porte State: TX County: Harris

Railway Connection: None.

Purpose: Occasional landing of passenger excursion boats and other small craft.

Depth Alongside (feet): 9 | Latitude (decimal): 29.755833

Total Berthing Space (feet): 100 | Longitude (decimal): -95.09056

Remarks: A 100- by 6-foot concrete walkway up side of levee at rear extends to park road. □

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 798 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 36.4 PWD: 085

Name: Dreco Barge Slip and Craneway.

Location: Left bank, Houston Ship Channel, approximately 0.3 mile above entrance to Datum: MLT

Carpenters Bayou, Houston.

Operator: Dreco, Inc. Owner: Dreco, Inc.

Address: 16730 Jacintoport Boulevard. Phone: 281-452-7900

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Shipment of modules and cranes for offshore oil-well drilling platforms.

Depth Alongside (feet): 14 - 16 | 14 - 16 | 14 - 16 | Latitude (decimal): 29.751667

Total Berthing Space (feet): 80 | 300 | 310

Longitude (decimal): -95.09972

Remarks: Inner 180 feet of slip is 80 feet wide and outer 130 feet is 180 feet wide. A portion of a building used as

an assembly shop covers the inner end of the slip. A 7-acre, concrete-paved, assembly and open

storage area is located at rear of lower side.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 247

Port: **Houston**

Waterway: Houston Ship Channel Mile: 36.5 PWD: 087

Name: Houston Fuel Oil Terminal Co., Barge Dock No. 3.

Location: Left bank, Houston Ship Channel, below Jacintoport Slip, Houston. Datum: MLT

Operator: Houston Fuel Oil Terminal Co.
Owner: Houston Fuel Oil Terminal Co.

Address: 16642 Jacintoport Boulevard. Phone: 281-452-3390

Town: Houston State: TX County: Harris

Railway Connection: Two surface tracks serving carloading rack at terminal in rear connect with Union Pacific

Railroad and Port Terminal Railroad.

Purpose: Receipt and shipment of No. 2 and No. 6 fuel oil.

 Depth Alongside (feet):
 12
 |
 12
 |
 12
 Latitude (decimal):
 29.750278

 Total Berthing Space (feet):
 |
 300
 Longitude (decimal):
 -95.10083

Remarks: One 14-, one 12-, one 8-, and one 6-inch pipelines extend from wharf to fuel oil tankage described

under Barge Dock No. 4 (Ref. No. 86). □

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 210 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 36.5 PWD: 086 Name: Houston Fuel Oil Terminal Co., Barge Dock No. 4. Left bank, Houston Ship Channel, below Jacintoport Slip, Houston. Location: Datum: MLT Operator: Houston Fuel Oil Terminal Co. Houston Fuel Oil Terminal Co. Owner: Address: 16642 Jacintoport Boulevard. Phone: 281-452-3390 State: TX Town: Houston County: Harris Railway Connection: Two surface tracks serving carloading rack at terminal in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Receipt and shipment of No. 2 and No. 6 fuel oil; loading barges for bunkering vessels at berth in harbor. Latitude (decimal): Depth Alongside (feet): 12 Total Berthing Space (feet): 400 Longitude (decimal): -95.10111 Ι Remarks: One 14-, one 10-, one 8-inch fuel oil pipelines and one 6-inch diesel fuel pipeline extend from wharf to 46 steel storage tanks at terminal in rear, total capacity 5,200,000 barrels. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 210 Galveston District Port: Houston Mile: 36.5 PWD: 088 Waterway: Houston Ship Channel Name: Houston Fuel Oil Terminal Co., Ship Dock No. 1. Left bank, Houston Ship Channel, below Jacintoport Slip, Houston. Location: Datum: MLT Houston Fuel Oil Terminal Co., Inc. Operator: Owner: Houston Fuel Oil Terminal Co., Inc. Address: 16642 Jacintoport Boulevard. Phone: 281-452-3390 Town: Houston State: TX County: Harris Two surface tracks serving carloading rack at terminal in rear connect with Union Pacific Railway Connection: Railroad and Port Terminal Railroad. Purpose: Receipt of crude oil; receipt and shipment of No. 2 and No. 6 fuel oil; bunkering vessel at berth. Latitude (decimal): Depth Alongside (feet): 40 29.749722 Total Berthing Space (feet): 900 Longitude (decimal): -95.10056 Т Remarks: One 24-, one 12-, and three 8-inch fuel oil pipelines extend from wharf to storage tanks described under Barge Dock No. 4 (Ref. No. 86). One 20-inch crude oil pipeline extends from wharf to ten steel storage tanks at rear, total capacity 2,000,000 barrels. One 24-inch crude oil pipeline extends from storage tanks to Lyondell-Citgo Refining Co.'s Ltd. refinery (Ref. No. 239), and becomes an 18-inch pipeline extending to Valero Energy Corp.'s, BasisPetroleum refinery (Ref. No. 231). One 16-inch crude oil pipeline extends from tanks to Shell Oil Co.'s, Deer Park Refinery (Ref. No. 273).

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 210

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 36.5 PWD: 291 Name: Paktank Corp., Deer Park Terminal, Barge Dock No. 3 Pier. Right bank, Houston Ship Channel, approximately 250 feet below dredged basin Location: Datum: MLT below mouth of Tucker Bayou Operator: Paktank Corp. Owner: Paktank Corp. Address: 2759 Battleground Road. Phone: 281-479-6051 State: TX Town: Deer Park County: Harris Railway Connection: Twenty-six surface tracks serving unloading racks and terminal in rear connect with Port Terminal Railroad. Purpose: Receipt of wastewater; receipt and shipment of petroleum products and chemicals; transient mooring of barges. Depth Alongside (feet): 18 Latitude (decimal): 18 Longitude (decimal): -95.09694 Total Berthing Space (feet): 245 245 Remarks: Upper side of pier is Barge Dock No. 3, used for handling bulk liquids. Lower side is used for transient mooring. One 10-inch wastewater and four 8- and two 6-inch petroleum product and chemical pipelines extend from pier to storage tanks described under Ship Dock No. 1 Wharf (Ref. No. 288). Pipelines also connect to rail unloading racks at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 780 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 36.5 PWD: 292 Name: Paktank Corp., Deer Park Terminal, Ship Dock No. 3 and Barge Docks Right bank, Houston Ship Channel, approximately 700 feet below dredged basin Location: Datum: MLT below mouth of Tucker Bayou Operator: Paktank Corp. Owner: Paktank Corp. Address: 2759 Battleground Road. Phone: 281-479-6051 State: TX Town: Deer Park County: Harris Railway Connection: Twenty-six surface tracks serving unloading racks and terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals. Latitude (decimal): Depth Alongside (feet): 42 18 18 29.748333 Total Berthing Space (feet): 900 245 245 Longitude (decimal): -95.09583 Remarks: Face of wharf is Ship Dock No. 3, upper slip is Barge Dock No. 5, and lower slip is Barge Dock No. 6. Thirty-seven 8-, and nine 6-inch pipelines extend from wharf to storage tanks described under Ship Dock No. 1 Wharf (Ref. No. 288). Pipelines also connect to rail unloading racks at rear.

Year of Last Survey: 1999

Dock Code: 780

Galveston District

Corps of Engnrs Waterway Code: 60370

Port: **Houston**

Waterway: Houston Ship Channel Mile: 36.6 PWD: 089

Name: Houston Fuel Oil Terminal Co., Barge Dock No. 2.

Location: Left bank, Houston Ship Channel, below Jacintoport Slip, Houston. Datum: MLT

Operator: Houston Fuel Oil Terminal Co.
Owner: Houston Fuel Oil Terminal Co.

Address: 16642 Jacintoport Boulevard. Phone: 281-452-3390

Town: Houston State: TX County: Harris

Railway Connection: Two surface tracks serving carloading rack at terminal in rear connect with Union Pacific

Railroad and Port Terminal Railroad.

Purpose: Receipt and shipment of No. 2 and No. 6 fuel oil; handling ballast water.

 Depth Alongside (feet):
 12
 |
 12
 |
 12
 Latitude (decimal):
 29.75

 Total Berthing Space (feet):
 |
 300
 |
 Longitude (decimal):
 -95.10167

Remarks: One 14-, one 12-, one 8- and one 6-inch pipelines extend from wharf to fuel oil tankage described

under Barge Dock No. 4 (Ref. No. 86). One 8-inch ballast line serves wharf.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 210 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 36.6 PWD: 290

Name: Paktank Corp., Deer Park Terminal, Barge Dock No. 2 Pier.

Location: Right bank, Houston Ship Channel, below dredged basin below mouth of Tucker Datum: MLT

Bayou, Deer Park.

Operator: Paktank Corp.
Owner: Paktank Corp.

Address: 2759 Battleground Road. Phone: 281-479-6051

Town: Deer Park State: TX County: Harris

Railway Connection: Twenty-six surface tracks serving unloading racks and terminal in rear connect with Port

Terminal Railroad.

Purpose: Receipt of wastewater; receipt and shipment of petroleum products and chemicals; transient mooring

of barges.

 Depth Alongside (feet):
 |
 18
 |
 18
 Latitude (decimal):
 29.7475

 Total Berthing Space (feet):
 |
 245
 Longitude (decimal):
 -95.09778

Remarks: Lower side of pier is Barge Dock No. 2, used for handling bulk liquids. Upper side is used for transient

mooring. One 10-inch wastewater, four 8-inch petroleum product and chemical, and one 6-inch vapor recovery pipelines extend from pier to storage tanks described under Ship Dock No. 1 Wharf (Ref. No.

288). Pipelines also connect to rail unloading racks at rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 780 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 36.6 PWD: 287 Name: Paktank Corp., Deer Park Terminal, Barge Dock No. 4 Wharf Right bank, Houston Ship Channel, lower portion of inner end of dredged basin Location: Datum: MLT below mouth of Tucker Bayo Operator: Paktank Corp. Owner: Paktank Corp. Address: 2759 Battleground Road. Phone: 281-479-6051 State: TX Town: Deer Park County: Harris Railway Connection: Tracks serving terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and caustic soda by barge. Latitude (decimal): Depth Alongside (feet): 18 29 744722 Total Berthing Space (feet): 245 Longitude (decimal): -95.09528 Remarks: Barges can moor end-to wharf and breast against inner portion of lower side of slip, along 245 feet of steel sheet pile bulkhead with sloped solid fill, fronted by rubber tire fenders. Two 10-inch pipelines extend from wharf to 10 caustic soda storage tanks, total capacity 18,480,000 gallons. Three 8- and one 6-inch bulk liquids pipelines and two 6-inch lube oil pipelines extend from wharf to storage tanks described under Ship Dock No. 1 Wharf (Ref. No. 288). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 780 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 36.6 PWD: 288 Name: Paktank Corp., Deer Park Terminal, Ship Dock No. 1 and Barge Dock Location: Right bank, Houston Ship Channel, center portion of lower side of dredged basin Datum: MLT below mouth of Tucker Ba Operator: Paktank Corp. Owner: Paktank Corp. Address: 2759 Battleground Road. Phone: 281-479-6051 State: TX Town: Deer Park County: Harris Railway Connection: Tracks serving terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals. Depth Alongside (feet): 18 Latitude (decimal): 29.745556 42 Total Berthing Space (feet): 900 255 Longitude (decimal): -95.09639 Remarks: One 20-, three 14-, two 12-, thirteen 10-, twenty-five 8-, and ten 6-inch petroleum product and petrochemical pipelines and one 10- and one 6-inch vapor recovery pipelines extend from wharf to 276 steel storage tanks at terminal in rear, total capacity 6,500,000 barrels.

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Dock Code: 780

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 36.6 PWD: 289 Name: Paktank Corp., Deer Park Terminal, Ship Dock No. 2 Wharf Right bank, Houston Ship Channel, outer portion of lower side of dredged basin Location: Datum: MLT below mouth of Tucker Bay Operator: Paktank Corp. Owner: Paktank Corp. Address: 2759 Battleground Road. Phone: 281-479-6051 State: TX Town: Deer Park County: Harris Railway Connection: Twenty-six surface tracks serving unloading racks and terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals. Latitude (decimal): Depth Alongside (feet): 42 29.747222 Longitude (decimal): -95.0975 Total Berthing Space (feet): 900 Т Remarks: One 14-, two 10-, eighteen 8- and nine 6-inch pipelines extend to wharf from storage tanks described under Ship Dock No. 1 Wharf (Ref. No. 288). Four of the 6-inch pipelines also extend from rail unloading racks at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 780 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 36.7 PWD: 090 Name: Houston Fuel Oil Terminal Co., Barge Dock No. 1. Location: Left bank, Houston Ship Channel, on lower side of entrance to Jacintoport Slip, Datum: MLT Houston. Operator: Houston Fuel Oil Terminal Co. Houston Fuel Oil Terminal Co. Owner: Address: 16642 Jacintoport Boulevard. Phone: 281-452-3390 Town: Houston State: TX County: Harris Railway Connection: Two surface tracks serving carloading rack at terminal in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Receipt and shipment of No. 2 and No. 6 fuel oil. Latitude (decimal): Depth Alongside (feet): 29 749722 12 Total Berthing Space (feet): 600 Longitude (decimal): -95.10306 Remarks: One 14-, two 10-, and one 8-inch pipelines extend from wharf to tankage described under Barge Dock No. 4 (Ref. No. 86). □

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Dock Code: 210

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 36.7 PWD: 091 Name: Houston Fuel Oil Terminal Co., Ship Dock No. 2. Left bank, Houston Ship Channel, on lower side of slip, extending from north side of Location: Datum: MLT Jacintoport Slip, H Operator: Houston Fuel Oil Terminal Co. Owner: Houston Fuel Oil Terminal Co. Address: 16642 Jacintoport Boulevard. Phone: 281-452-3390 Town: Houston State: TX County: Harris Railway Connection: Two surface tracks serving carloading rack at terminal in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Receipt of crude oil; receipt and shipment of No. 2 and No. 6 fuel oil; bunkering vessel at berth. Latitude (decimal): Depth Alongside (feet): 42 Total Berthing Space (feet): 900 Longitude (decimal): -95.10528 Remarks: One 24-, one 14-, one 12-, and two 8-inch fuel oil pipelines extend from wharf to storage tanks described under Barge Dock No. 4 (Ref. No. 86). One 20-inch, crude-oil pipeline extends from wharf to storage tanks described under Ship Dock No. 1 (Ref. No. 88). The slip extending from the north side of Jacintoport Slip is 450 feet wide. In 1998, plans called for widening the slip and constructing Ship Dock No. 3, of similar construction to Ship Dock No. 2,on the upper side to provide 660 feet of berthing space. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 210 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 36.7 PWD: 093 Name: Inbesa America Wharf. Left bank, Houston Ship Channel, inner portion of south side of Jacintoport Slip. Location: Datum: MLT Houston. Inbesa America, Inc. Operator: Owner: Inbesa America, Inc. Address: 16335 Peninsula Boulevard. Phone: 713-452-0063 Town: State: TX Houston County: Harris One surface track along full length of apron connects with Port Terminal Railroad. Purpose: Receipt and occasional shipment of steel products; receipt and shipment of conventional and containerized general cargo. Depth Alongside (feet): Latitude (decimal): 29.746667 34 Longitude (decimal): -95.11083 Total Berthing Space (feet): 700 Remarks: Approximately 12 acres of open storage area are located at rear. \Box Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 224

Port: Houston Waterway: Houston Ship Channel Mile: 36.7 PWD: 284 Name: Intercontinental Terminals Co., Houston Bunker Dock Wharf Right bank, Houston Ship Channel, upper portion of inner end of dredged basin Location: Datum: MLT below mouth of Tucker Bayo Operator: Intercontinental Terminals Co. Owner: Intercontinental Terminals Co. Address: 1943 Battleground Road. Phone: 281-884-0338 State: TX Town: Deer Park County: Harris Railway Connection: Terminal trackage serving car-loading and unloading racks joins 550-car capacity storage yard at rear; connects with Port Terminal Railroad. Purpose: Loading barges for bunkering vessels at berth in harbor. Latitude (decimal): Depth Alongside (feet): 30 29.742778 Total Berthing Space (feet): 250 Longitude (decimal): -95.0975 Τ Remarks: One 6-inch fuel oil and one 6-inch diesel fuel pipelines extend to wharf from storage tanks in terminal described under Barge Dock No. 4 Wharf (Ref. No. 281). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 777 Galveston District Port: Houston PWD: 283 Waterway: Houston Ship Channel Mile: 36.7 Name: Intercontinental Terminals Co., Houston Ship Docks No. 1 Wharf and Right bank, Houston Ship Channel, upper side of dredged basin below mouth of Location: Datum: MLT Tucker Bayou, Deer Park Intercontinental Terminals Co. Operator: Owner: Intercontinental Terminals Co. Address: 1943 Battleground Road. Phone: 281-884-0338 Town: Deer Park State: TX County: Harris One surface track at rear joins terminal trackage serving car-loading and unloading racks Railway Connection: and 550-car capacity storage yard; connects with Port Terminal Railroad. (See Remarks) Purpose: Receipt and shipment of miscellaneous bulk liquids, including liquefied petroleum gases and petrochemicals; receipt of ballast water. Depth Alongside (feet): 35 42 Latitude (decimal): 42 29.745278 | 1,280 | Total Berthing Space (feet): 520 Longitude (decimal): -95.09972 Remarks: One surface track on wharf apron and one carfloor-level track at rear have no connection to terminal

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 777 Galveston District

recovery pipeline extends to flare tower in terminal at rear.

trackage. Fifty 6- to 20-inch pipelines extend from connections at pier and wharf to storage tanks described under Barge Dock No. 4 (Ref. No. 281), including one 8-inch ethanol pipeline extending to tankage at Rohm and Haas Co. plant. Ballast water pipeline extends to treatment plant and vapor

Port: Houston Waterway: Houston Ship Channel Mile: 36.7 PWD: 285 Name: Intercontinental Terminals Co., Houston Ship Docks Nos. 7 and 8 an Right bank, Houston Ship Channel, center portion of inner end of dredged basin Location: Datum: MLT below mouth of Tucker Bay Operator: Intercontinental Terminals Co. Owner: Intercontinental Terminals Co. Address: 1943 Battleground Road. Phone: 281-884-0338 Town: Deer Park State: TX County: Harris Railway Connection: Terminal trackage serving car-loading and unloading racks joins 550-car capacity storage yard at rear; connects with Port Terminal Railroad. Purpose: Receipt and shipment of miscellaneous bulk liquids including liquefied petroleum gases, petroleum products, and petrochemicals; receipt of ballast water; bunkering vessels at berths. Depth Alongside (feet): 42 42 Latitude (decimal): 930 730 Longitude (decimal): -95.09778 Total Berthing Space (feet): Remarks: Pier was under reconstruction at time of survey (1998) and is described as planned. Upper side forms a slip approximately 450 feet wide with Ship Docks Nos. 1 and 2 (Ref. No. 283), and lower side forms a slip approximately 420 feet wide with Paktank Corp., Deer Park Terminal, Ship Dock No. 1 Wharf (Ref. No. 288). Inner portion of upper side is Barge Dock No. 9. Eighteen pipelines extend from outer platform at Ship Docks Nos. 7 & 8 and three pipelines extendfrom inner platform at Barge Dock No. 9 to storage tanks in terminal described under Barge Dock No. 4 Wharf (Ref. No. 281). Ballast water pipeline extends to treatment plant and vapor recovery pipeline extends to flare tower in terminalat rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 777 Galveston District Port: Houston Mile: 36.7 PWD: 286 Waterway: Houston Ship Channel Name: Intercontinental Terminals Co., Houston Towboat Mooring Wharf Location: Right bank, Houston Ship Channel, center portion of inner end of dredged basin Datum: MLT below mouth of Tucker Bay Operator: Intercontinental Terminals Co. Owner: Intercontinental Terminals Co. Address: 1943 Battleground Road. Phone: 281-884-0338 State: TX Town: Deer Park County: Harris Railway Connection: Terminal trackage joins storage yard at rear; connects with Port Terminal Railroad. Purpose: Transient mooring of towboats. Latitude (decimal): Depth Alongside (feet): 29.743889 40 Longitude (decimal): -95.09611 Total Berthing Space (feet): 100 Remarks: Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 777 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 36.7 PWD: 092

Name: Port of Houston, Jacintoport Terminal Wharf.

Location: Left bank, Houston Ship Channel, on north side of Jacintoport Slip, Houston. Datum: MLT

Operator: Jacintoport Corp. and Jacintoport International.

Owner: Port of Houston Authority.

Address: 16211 Peninsula Boulevard. Phone: 713-673-7000

Town: Houston State: TX County: Harris

Railway Connection: Two marginal surface tracks; four surface tracks in unloading shed at rear of Warehouse,

capacity 64 cars; & two door-level tracks at cold storage warehouse, capacity 6 cars;

connect with Port Terminal RR

Purpose: Receipt and shipment of conventional and containerized general cargo, roll on/roll-off cargo,

miscellaneous dry bulk commodities, and project cargo; shipment of bagged and packaged

commodities.

Depth Alongside (feet): 38 | | Latitude (decimal): 29.748611

Total Berthing Space (feet): 2,000 | Longitude (decimal): -95.10944

Remarks: Bags and cartons are unloaded from boxcars to conveyors running alongside tracks in unloading shed,

then are conveyed to and from storage in the adjacent Warehouse, or to the four 'spiralveyor' shiploaders. Hopper cars and trucks unload grain to a bucket elevator extending from the unloading shed to a bagging plant in the Warehouse. Transit shed is located on lower portion of wharf (Berth 3), Warehouse at rear of Transit Shed, and a 4,189,280-cubic-foot,cold-storage warehouse (S.W. Ref. No. 21), operated by Jacintoport International, is located at rear of Warehouse. Five truckloading doors are located on lower side of Transit Shed, and five on upper side of Warehouse. Approximately 7 1/2 acres of concrete-paved, open storage area are located on apron and adjacent to Warehouse; and

approximately 20 acres of gravel-covered, open storage area are located at rear.

Port: Houston Waterway: Houston Ship Channel Mile: 36.8 PWD: 281 Name: Intercontinental Terminals Co., Houston Barge Dock No. 4 Wharf Right bank, Houston Ship Channel, on inner portion of lower side of dredged slip in Location: Datum: MLT mouth of Tucker Bayo Operator: Intercontinental Terminals Co. Owner: Intercontinental Terminals Co. Address: 1943 Battleground Road. Phone: 281-884-0338 Town: Deer Park State: TX County: Harris Railway Connection: One surface track at rear joins terminal trackage serving car-loading and unloading racks and 550-car capacity storage yard; connect with Port Terminal Railroad. Purpose: Receipt and shipment of miscellaneous bulk liquids by barge, including liquefied petroleum gases and petrochemicals; receipt of sulfuric acid and bunker fuel. Depth Alongside (feet): 12 Latitude (decimal): Longitude (decimal): -95.09972 Total Berthing Space (feet): 464 Remarks: Eighteen pipelines extend from wharf to 166 storage tanks in terminal at rear, total capacity 336,000,000 gallons. Four 6-inch pipelines extend from wharf and other pipelines extend from terminal to 13 steel storage tanks at Rohm and Haas Co., Deer Park Plant, (Ref. No. 280) on opposite side of Tucker Bayou, total capacity 19,950,000 gallons. Slops pipeline extends to treatment plant and vapor recovery pipeline extends to flare tower in terminal at rear. Terminal connects with pipeline operated by Texas Eastern Products Pipeline Co. **Galveston District** Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 777 Port: Houston Waterway: Houston Ship Channel Mile: 36.8 PWD: 282 Name: Intercontinental Terminals Co., Houston Barge Docks Nos. 5 and 6 P Right bank, Houston Ship Channel, below mouth of Tucker Bayou, Deer Park Location: Datum: MLT Intercontinental Terminals Co. Operator: Owner: Intercontinental Terminals Co. Address: 1943 Battleground Road. Phone: 281-884-0338 Town: Deer Park State: TX County: Harris Railway Connection: Trackage serving car-loading and unloading racks in terminal at rear joins 550-car capacity storage yard; connects with Port Terminal Railroad. Purpose: Receipt and shipment of miscellaneous bulk liquids by barge, including liquefied petroleum gases and petrochemicals; receipt of bunker fuel. Transient mooring of barges. Latitude (decimal): Depth Alongside (feet): 12 35 29.744444 Longitude (decimal): -95.10111 Total Berthing Space (feet): 600 300 Remarks: Upper side of pier is on outer portion of dredged slip in mouth of Tucker Bayou. Inner portion of lower side of pier is an additional 90 feet wider, its lower side forms a slip 270 feet long by 140 feet wide with Ship Dock No. 3 (Ref. No. 283), and it is used for mooring barges awaiting unloading. Eighteen pipelines on pier join pipelines described under Barge Dock No. 4 (Ref. No. 281) extending to storage tanks in terminal at rear. Slops pipeline extends totreatment plant and vapor recovery pipeline extends to flare tower in terminal.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 777

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 36.8 PWD: 280 Name: Rohm and Haas Co., Deer Park Plant Barge Wharf. Right bank, Houston Ship Channel, upper side of dredged slip in mouth of Tucker Location: Datum: MLT Bayou, Deer Park Operator: Not operated. Owner: Rohm and Haas Co. Address: 6600 La Porte Freeway Phone: 281-476-8653 State: TX Town: Deer Park County: Harris Railway Connection: None. Purpose: Not used. Latitude (decimal): Depth Alongside (feet): 9 29.7425 Total Berthing Space (feet): 375 Longitude (decimal): -95.10083 Remarks: Wharf formerly was used for receipt of sulfuric acid and shipment of petrochemicals by barge. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 776 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 37.2 PWD: 094 Name: **Jacintoport Care Terminal Wharf.** Left bank, Houston Ship Channel, approximately 700 feet above entrance to Datum: MLT Location: Jacintoport Slip, Houston. Coastal Cargo of Texas, Inc., Division of The Jackson Kearney Group Operator: Owner: Port of Houston Authority. 16800 Peninsula Boulevard. Address: Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: One surface track at rear of transit shed and two surface tracks at rear of Dock No. 2; connect with Port Terminal Railroad. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on/roll-off cargo, miscellaneous dry bulk commodities, and project cargo. Latitude (decimal): 29.744167 Depth Alongside (feet): 38 36 Total Berthing Space (feet): 750 750 Longitude (decimal): -95.10583 1 Remarks: At time of survey (1998) Dock No. 2 was under construction. It is described as planned. Plans called

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 221 Galveston District

for extending Dock No. 1 approximately 200 feet upstream in 1999. Approximately 14 acres of asphaltand concrete-paved open storage area and electrical outlets for eight refrigerated containers are

located in rear.

Port: **Houston**

Waterway: Houston Ship Channel Mile: 37.5 PWD: 095

Name: South Atlantic Services and Powerserve International, SAS Houston

Location: Left bank, Houston Ship Channel, approximately 0.4 mile above entrance to Datum: MLT

Jacintoport Slip, Houston.

Operator: South Atlantic Services, Inc. and Powerserve International, Inc., a subsidiary of Wes

Owner: Don Tufli.

Address: 16530 Peninsula Boulevard. Phone: 713-457-9313

Town: Houston State: TX County: Harris

Railway Connection: One surface track extending into inner end of shop building at rear of slip connects with

Port Terminal Railroad.

Purpose: Receipt of ethylene glycol by barge; receipt and shipment of gas turbines.

Depth Alongside (feet): 16 | 16 | 16 Latitude (decimal): 29.743333

Total Berthing Space (feet): 95 | 200 | 200 Longitude (decimal): -95.10806

Remarks: One 8-inch, ethylene-glycol pipeline extends from upper side to two storage tanks at South Atlantic

Services', Inc. facility above slip, total capacity 1,260,000 gallons. Powerserve International, Inc.: Repairs and rebuilds gas turbines in steel-frame, metal-covered shop buildings at inner end of slip.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 231 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 37.8 PWD: 096

Name: Cargill, Houston Grain Elevator Pier.

Location: Left bank, Houston Ship Channel, approximately 0.7 mile above entrance to Datum: MLT

Jacintoport Slip, Houston.

Operator: Cargill, Inc.
Owner: Cargill, Inc.

Address: 16150 Peninsula Boulevard. Phone: 281-457-7044

Town: Houston State: TX County: Harris

Railway Connection: Two surface tracks serving two undertrack pits and one surface track serving loading

spout join 8-track storage yard in rear of elevator; connect with Port Terminal Railroad.

Purpose: Shipment of grain.

 Depth Alongside (feet):
 | 44 - 46 | 44 - 46
 Latitude (decimal):
 29.740833

 Total Berthing Space (feet):
 | 820 | 730
 Longitude (decimal):
 -95.11361

Remarks: Grain elevator, located north of inner end of pier, has capacity for 6,000,000 bushels. □

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 232 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 37.9 PWD: 097 Name: Cargill, Houston Grain Elevator Wharf. Left bank, Houston Ship Channel, approximately 0.8 mile above entrance to Location: Datum: MLT Jacintoport Slip, Houston. Operator: Cargill, Inc., Fertilizer Division. Owner: Cargill, Inc., Fertilizer Division. Address: 16150 Peninsula Boulevard. Phone: 281-452-4326 State: TX Town: Houston County: Harris Railway Connection: Two surface tracks serving one undertrack pit and three loading spouts in rear connect with Port Terminal Railroad. Purpose: Receipt of grain; receipt and shipment of fertilizer. (See Remarks.) Latitude (decimal): Depth Alongside (feet): 34 29.741389 Total Berthing Space (feet): 600 Longitude (decimal): -95.11444 Ι Remarks: Grain received at wharf is loaded directly into rail cars via conveyor system and loading spout. Rail cars deliver it to two undertrack pits at grain elevator described under company's Houston Grain Elevator Pier (Ref. No. 96). Barge-loading boom had not been constructed at time of survey (1998) and is described as planned. Fertilizer storage facilities at rear include: one timber A-frame building. capacity 32,000 tons, and two concrete domes, totalcapacity 32,000 tons. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 232 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 37.9 PWD: 278 Name: Occidental Chemical Corp., Houston Chemical Complex, Deer Park Pla Right bank, Houston Ship Channel, approximately 500 feet west of entrance to Location: Datum: MLT Patrick Bayou, Deer Park. Operator: Not operated. Owner: Occidental Chemical Corp. Address: 1000 Tidal Road. Phone: 281-476-2127 State: TX Town: Deer Park County: Harris Railway Connection: Trackage serving chemical plant in rear connects with Port Terminal Railroad. Purpose: Not used. Depth Alongside (feet): 10 Latitude (decimal): 29.738611 Longitude (decimal): -95.11278 Total Berthing Space (feet): 155 Ι Remarks: Wharf formerly was used for receipt and shipment of liquid caustic soda and petrochemicals by barge. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 765 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 37.9 PWD: 277 Name: Occidental Chemical Corp., Houston Chemical Complex, Deer Park Pla Right bank, Houston Ship Channel, approximately 800 feet west of entrance to Location: Datum: MLT Patrick Bayou, Deer Park. Operator: Occidental Chemical Corp. Owner: Occidental Chemical Corp. Address: 1000 Tidal Road. Phone: 281-476-2127 State: TX Town: Deer Park County: Harris Railway Connection: Trackage serving chemical plant in rear connects with Port Terminal Railroad. Purpose: Receipt of caustic potash; shipment of caustic soda, all by barge. Latitude (decimal): Depth Alongside (feet): 10 - 12 I 29.738333 Total Berthing Space (feet): 185 Longitude (decimal): -95.11389 Remarks: One 6-inch caustic potash pipeline extends from wharf to one 480,000-gallon steel storage tank, and one 6-inch caustic soda pipeline extends to wharf from 5 steel storage tanks, total capacity 4,000,000 gallons, all located at plant in rear. Plant water intake is located on upper side of wharf, in recess in bulkhead. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 765 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 38.0 PWD: 098 Name: Texas Terminals Wharf. Left bank, Houston Ship Channel, approximately 1.0 mile above entrance to Location: Datum: MLT Jacintoport Slip, Houston. Operator: Texas Terminals L.P. Owner: Harridan L.P. Address: 15902 Peninsula Boulevard. Phone: 281-457-3131 Town: Houston State: TX County: Harris Two marginal surface tracks at face joining one marginal surface track at slip side, forming Railway Connection: loop track; and one surface track serving open storage area; connect with Port Terminal Purpose: Receipt and shipment of conventional and containerized general cargo in foreign trade, roll-on/roll-off cargo, and vehicles; receipt of miscellaneous dry bulk commodities by barge, including talc. Depth Alongside (feet): Latitude (decimal): 34 34 Total Berthing Space (feet): 500 660 Longitude (decimal): -95.1175 Remarks: Ten truckloading doors are located at Shed B, one at rear, five on lower side, and four on upper side. Approximately five acres of concrete-paved, and ten acres of gravel-surfaced, open storage areas are located in rear of wharf, and seven acres of gravel-surfaced, open storage area are located in rear of terminal. Electrical outlets are available for four refrigerated containers. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 242 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 38.6 PWD: 099 Name: Oiltanking Houston, Ship Dock No. 6 Wharf. Left bank, Houston Ship Channel, lower side of slip, opposite entrance to Boggy Location: Datum: MLT Bayou Basin, Houston. Operator: Oiltanking Houston, Inc. Owner: Oiltanking Houston, Inc. Address: 15602 Jacintoport Boulevard. Phone: 281-457-7930 Town: Houston State: TX County: Harris Railway Connection: One surface track serving two loading racks at terminal in rear connects with Port Terminal Railroad. Purpose: Receipt of petroleum products and liquefied petroleum gas. Latitude (decimal): Depth Alongside (feet): 30 29.7375 Total Berthing Space (feet): 600 Longitude (decimal): -95.12528 Remarks: One 16- and one 12-inch petroleum products pipelines extend from wharf to 35 storage tanks for miscellaneous commodities at rear, total capacity 4,704,000 barrels. One 8-inch liquefied petroleum gas and one 6-inch vapor pipelines extend to Enterprise Products Co.'s plant at rear, which serves a 12-inch overland pipeline. Terminal storage tanks and pipeline system connect with one 16- and one 12-inch petroleum product pipelines operated by Colonial PipelineCo. and Explorer Pipeline Co. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 249 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 38.8 PWD: 101 Name: Oiltanking Houston, Barge Dock D Wharf. Left bank, Houston Ship Channel, on lower side of inner portion of slip, opposite Location: Datum: MLT entrance to Boggy Bayo Operator: Oiltanking Houston, Inc. Owner: Oiltanking Houston, Inc. Address: 15602 Jacintoport Boulevard. Phone: 281-457-7930 State: TX Town: Houston County: Harris One surface track serving two loading racks at terminal in rear connects with Port Terminal Railway Connection: Purpose: Receipt of petroleum products; receipt and shipment of methanol by barge; loading barges for bunkering vessels at berth in harbor. Depth Alongside (feet): 40 Latitude (decimal): 29.739444 Total Berthing Space (feet): Longitude (decimal): -95.12667 500 Remarks: Wharf is 339 feet from inner end of approach. One 16- and two 12-inch petroleum products, and one 12-inch methanol pipelines extend from wharf to storage tanks, and two 12- and one 8-inch bunker fuel pipelines extend to wharf from storage tanks, all described under Ship Dock No. 6 (Ref. No. 99). One liquefied petroleum gas pipeline, unused at time of survey (1998), extends from wharf to pipelines described under Ship Dock No. 6. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 249 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 38.8 PWD: 100 Name: Oiltanking Houston, Ship Docks Nos. 4 and 5 Pier. Left bank, Houston Ship Channel, between lower and inner portions of slip, opposite Location: Datum: MLT entrance to Boggy Ba Operator: Oiltanking Houston, Inc. Owner: Oiltanking Houston, Inc. Address: 15602 Jacintoport Boulevard. Phone: 281-457-7930 Town: Houston State: TX County: Harris Railway Connection: One surface track serving two loading racks at terminal in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of liquefied petroleum gas and methanol; receipt of crude oil and petroleum products; bunkering vessels at berth. Depth Alongside (feet): 40 Latitude (decimal): Longitude (decimal): -95.12694 Total Berthing Space (feet): 900 900 Remarks: Three 24-inch crude oil, two 16-inch petroleum products, and one 12-inch methanol pipelines extend from pier to storage tanks; one 16- and one 8-inch liquefied petroleum gas pipelines extend to pipelines; and two 12- and one 8-inch bunker fuel pipelines extend to pier from storage tanks, all described under Ship Dock No. 6 (Ref. No. 99). One 12-inch crude oil pipeline extends from storage tanks to Shell Oil Co.'s, Deer Park Refinery on opposite side of Houston Ship Channel (Ref. No. 273). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 249 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 38.9 PWD: 276 Name: Shell Oil Co., Deer Park Refinery, Crude Oil Dock Wharf. Right bank, Houston Ship Channel, approximately 600 feet below entrance to Boggy Location: Datum: MLT Bayou Basin, Deer Park. Shell Oil Co. and Shell Chemical Co. Operator: Owner: Shell Oil Co. Address: 5900 State Highway 225 Phone: 713-246-7595 Town: Deer Park State: TX County: Harris Trackage serving oil refinery and chemical plant in rear connects with Port Terminal Railway Connection: Railroad and Union Pacific Railroad. Purpose: Receipt of crude oil; receipt and shipment of fuel oils. Depth Alongside (feet): 36 - 40 I Latitude (decimal): 29.732222 Longitude (decimal): -95.12806 Total Berthing Space (feet): 900

Remarks: Three 18-inch pipelines extend from wharf to crude oil storage tanks described under Center Dock

storage tanks described under West Dock Wharf (Ref. No. 271).

Wharf (Ref. No. 273), and two 12-inch fuel oils pipelines extend from wharf to petroleum product

Corps of Engnrs Waterway Code: 60370 Dock Code: 750

Galveston District

Year of Last Survey: 1999

Port: Houston Waterway: Houston Ship Channel Mile: 38.9 PWD: 102 Name: Stolthaven Houston, Barge Dock C Wharf. Left bank, Houston Ship Channel, upper side of inner portion of slip, opposite Location: Datum: MLT entrance to Boggy Bayou B Operator: Stolthaven Houston, Inc., a subsidiary of Stolt-Nielsen S.A. Owner: Stolt-Nielsen S.A. Address: 15602 Jacintoport Boulevard. Phone: 281-457-8800 State: TX Town: Houston County: Harris Railway Connection: Six surface tracks serving three loading racks in terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of chemicals, petrochemicals, petroleum products, animal fats, and oils. Latitude (decimal): Depth Alongside (feet): 14 - 15 I Total Berthing Space (feet): 397 Longitude (decimal): -95.12833 П Remarks: Twelve 8-inch pipelines extend from wharf to 105 steel storage tanks described under Stolthaven Houston, Ship Docks Nos. 2 and 3 Pier (Ref. No. 103). Vapor recovery and wastewater pipelines extend from wharf to treatment plants at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 248 Port: Houston Waterway: Houston Ship Channel Mile: 38.9 PWD: 103 Name: Stolthaven Houston, Ship Docks Nos. 2 and 3 Pier. Left bank, Houston Ship Channel, between inner and upper portions of slip, opposite Location: Datum: MLT entrance to Boggy Ba Operator: Stolthaven Houston Inc., a subsidiary of Stolt-Nielsen S.A. Owner: Stolt-Nielsen S.A. Address: 15602 Jacintoport Boulevard. Phone: 281-457-8800 Town: Houston State: TX County: Harris Six surface tracks serving three loading racks in terminal in rear connect with Port Railway Connection: Terminal Railroad. Purpose: Receipt and shipment of chemicals, petrochemicals, petroleum products, animal fats, and oils; bunkering vessels at berths. Depth Alongside (feet): 42 42 Latitude (decimal): 29.736944 Longitude (decimal): -95.12889 Total Berthing Space (feet): 900 900 Remarks: Two 12-, one 10-, thirty-one 8-, three 6-, two 4-, and one 3-inch pipelines extend from pier to 97 steel storage tanks, total capacity 62,979,000 gallons. Nine 8-inch pipelines extend to eight stainless steel storage tanks, total capacity 4,536,000 gallons. One 8-inch, bunker-fuel pipeline extends to pier from storage tanks owned by Oiltanking Houston, Inc., and described under their Ship Dock No. 6 Wharf

Year of Last Survey: 1999

(Ref. No. 99). Vapor recovery and wastewater pipelinesextend from wharf to treatment plants at rear.

Dock Code: 248

Corps of Engnrs Waterway Code: 60370

Port: Houston Waterway: Houston Ship Channel Mile: 39.0 PWD: 104 Name: Oiltanking Houston, Ship Dock No. 1 Wharf. Left bank, Houston Ship Channel, on upper side of upper portion of slip, opposite Location: Datum: MLT entrance to Boggy Bayo Operator: Oiltanking Houston, Inc. Owner: Oiltanking Houston, Inc. Address: 15602 Jacintoport Boulevard. Phone: 281-457-7930 Town: Houston State: TX County: Harris Railway Connection: One surface track serving two loading racks at terminal in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of crude oil, petroleum products, and liquefied petroleum gas; bunkering vessel at berth. Depth Alongside (feet): 40 Latitude (decimal): Longitude (decimal): -95.13083 Total Berthing Space (feet): 900 Remarks: One 24-inch petroleum products, and two 12- and one 8-inch bunker fuel pipelines extend to wharf from storage tanks described under Ship Dock No. 6 (Ref. No. 99). One 16- and one 8-inch liquefied petroleum das pipelines extend from wharf to pipelines described under Ship Dock No. 6. One 8-inch crude oil and one 8-inch petroleum products pipelines extend to wharf from Barge Dock B Wharf (Ref. No. 105). One vapor-recovery pipeline extends from wharf to flaretower at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Dock Code: 249 Port: Houston Waterway: Houston Ship Channel Mile: 39.0 PWD: 275 Name: Shell Oil Co., Deer Park Refinery, Barge Dock Slip. Right bank, Houston Ship Channel, on lower side of entrance to Boggy Bayou Basin. Location: Datum: MLT at rear of East Dock W Shell Oil Co. and Shell Chemical Co. Operator: Owner: Shell Oil Co. Address: 5900 State Highway 225 Phone: 713-246-7595 Town: Deer Park State: TX County: Harris Trackage serving oil refinery and chemical plant in rear connects with Port Terminal Railway Connection: Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products, petrochemicals, and chemicals by barge; loading barges for bunkering vessels at berth in harbor. Latitude (decimal): Depth Alongside (feet): 9 - 12 I 12 - 15 I 9 - 18 29.731667 300 Longitude (decimal): -95.13111 Total Berthing Space (feet): 80 300 - 1 Remarks: Wharf is located at rear of East Dock Wharf's outer breasting platform (Ref. No. 274). Slip is approximately 80 feet wide. One 14-, two 10-, one 8-, nine 6-, and one 2-inch pipelines on wharf join pipelines extending along shore in rear to storage tanks described under West Dock Wharf (Ref. No. 271).

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 750

Galveston District

Port: **Houston**Waterway: **Houston Ship Channel**Mile: 39.0 PWD: 269

Name: Shell Oil Co., Deer Park Refinery, Barge Mooring.

Location: Right bank, Houston Ship Channel, upper side of Boggy Bayou Basin, Deer Park. Datum: MLT

Operator: Shell Oil Co.
Owner: Shell Oil Co.

Address: 5900 State Highway 225 Phone: 713-246-7595

Town: Deer Park State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges awaiting berth at Deer Park Refinery cargo docks (Ref. Nos. 271 and 273-276).

Depth Alongside (feet): 18 - 21 | Latitude (decimal): 29.731111

Total Berthing Space (feet): 1,200 | Longitude (decimal): -95.135

Remarks: Basin is approximately 480 to 540 feet wide. □□

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 750 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 39.0 PWD: 273

Name: Shell Oil Co., Deer Park Refinery, Center Dock Wharf.

Location: Right bank, Houston Ship Channel, lower side of Boggy Bayou Basin, 1,400 feet Datum: MLT

from inner end, Deer Park.

Operator: Shell Oil Co. and Shell Chemical Co.

Owner: Shell Oil Co.

Address: 5900 State Highway 225 Phone: 713-246-7595
Town: Deer Park State: TX County: Harris

Railway Connection: Trackage serving oil refinery and chemical plant in rear connects with Port Terminal

Railroad and Union Pacific Railroad.

Purpose: Receipt of crude oil; receipt and shipment of petroleum products, petrochemicals, and chemicals;

bunkering vessels at berth.

Depth Alongside (feet): 35 - 38 | | Latitude (decimal): 29.730833

Total Berthing Space (feet): 800 | Longitude (decimal): -95.13333

Remarks: Distances include one breasting platform and approximately 150 feet of berthing space shared with East Dock Wharf (Ref. No. 274). Three 18-, two 14-, nine 12-, nineteen 10-, twenty-four 8-, twelve 6-, one 3-, and two 2-inch pipelines on wharf join pipelines extending along shore in rear to storage tanks described under West Dock Wharf (Ref. No. 271), and to 21 crude oil storage tanks in Shell Oil Co. refinery, total capacity 3,172,700 barrels. Pipelinesconnect crude oil storage tanks to tanks at Houston

Fuel Oil Terminal Co., Inc. (Ref. No. 88) and at Oiltanking Houston Inc. (Ref. No. 100)

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 750 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 39.0 PWD: 272 Name: Shell Oil Co., Deer Park Refinery, Dock No. 3 Mooring. Right bank, Houston Ship Channel, lower side of Boggy Bayou Basin, 900 feet from Location: Datum: MLT inner end, Deer Park. Operator: Shell Oil Co. Owner: Shell Oil Co. Address: 5900 State Highway 225 Phone: 713-246-7595 State: TX Town: Deer Park County: Harris Railway Connection: Trackage serving oil refinery and chemical plant in rear connects with Port Terminal Railroad and Union Pacific Railroad. Purpose: Mooring barges awaiting berth at Deer Park Refinery cargo docks (Ref. Nos. 271 and 273-276). Latitude (decimal): Depth Alongside (feet): 39 Total Berthing Space (feet): 400 Longitude (decimal): -95.135 Τ Remarks: Breasting platforms and faces of wharves on the lower side of Boggy Bayou Basin (Ref. Nos. 271 through 274) are in line, providing a total of 2,080 feet of breasting distance and 2,400 feet of continuous berthing space. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 750 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 39.0 PWD: 274 Name: Shell Oil Co., Deer Park Refinery, East Dock Wharf. Right bank, Houston Ship Channel, outer portion of lower side of Boggy Bayou Location: Datum: MLT Basin, Deer Park. Operator: Shell Oil Co. and Shell Chemical Co. Owner: Shell Oil Co. Address: 5900 State Highway 225 Phone: 713-246-7595 Town: Deer Park State: TX County: Harris Railway Connection: Trackage serving oil refinery and chemical plant in rear connects with Port Terminal Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products, petrochemicals, and chemicals; bunkering vessels at berth. Depth Alongside (feet): 36 - 40 I Latitude (decimal): Longitude (decimal): -95.13194 Total Berthing Space (feet): 820 -1 Remarks: Distances include one additional breasting platform described under Center Dock Wharf (Ref. No. 273) and approximately 150 feet of shared berthing space. One 24-, six 18-, six 16-, three 14-, six 12-, fifteen 10-, twenty-nine 8-, seven 6-, two 4-, and one 3-inch pipelines on wharf join pipelines extending along shore in rear to storage tanks described under West Dock Wharf (Ref. No. 271). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 750 Galveston District

Port: **Houston**

Waterway: Houston Ship Channel Mile: 39.0 PWD: 270

Name: Shell Oil Co., Deer Park Refinery, Tug Boat Dock.

Location: Right bank, Houston Ship Channel, inner end of Boggy Bayou Basin, Deer Park. Datum: MLT

Operator: Shell Oil Co.
Owner: Shell Oil Co.

Address: 5900 State Highway 225 Phone: 713-246-7595

Town: Deer Park State: TX County: Harris

Railway Connection: Trackage serving oil refinery and chemical plant in rear connects with Port Terminal

Railroad and Union Pacific Railroad.

Purpose: Mooring tugs and towboats.

Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 29.728333

Total Berthing Space (feet): 200 | Longitude (decimal): -95.13806

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 750 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 39.0 PWD: 271

Name: Shell Oil Co., Deer Park Refinery, West Dock Wharf.

Location: Right bank, Houston Ship Channel, inner portion of lower side of Boggy Bayou Datum: MLT

Basin, Deer Park.

Operator: Shell Oil Co. and Shell Chemical Co.

Owner: Shell Oil Co.

Address: 5900 State Highway 225 Phone: 713-246-7595
Town: Deer Park State: TX County: Harris

Railway Connection: Trackage serving oil refinery and chemical plant in rear connects with Port Terminal

Railroad and Union Pacific Railroad.

Purpose: Receipt and shipment of petroleum products, petrochemicals, and chemicals; bunkering vessels at

berth.

Depth Alongside (feet): 36 - 38 | | Latitude (decimal): 29.728889

Total Berthing Space (feet): 700 | Longitude (decimal): -95.13667

Remarks: One 24-, six 18-, six 16-, four 14-, five 12-, fourteen 10-, twenty-seven 8-, six 6-, one 4-, and one 3-inch

pipelines on wharf join pipelines extending along shore in rear to steel storage tanks located at oil refinery and chemical plant in rear. Shell Oil Co.: 102 petroleum products tanks, total capacity 7,385,700 barrels; Shell Chemical Co.: 64 petrochemical tanks, total capacity 40,966,000 gallons, and

18 chemical tanks, total capacity 22,894,000 gallons.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 750 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 39.1 PWD: 105 Name: Oiltanking Houston, Barge Docks A and B Wharf. Left bank, Houston Ship Channel, above slip, opposite entrance to Boggy Bayou Location: Datum: MLT Basin, Houston. Operator: Oiltanking Houston, Inc. Owner: Oiltanking Houston, Inc. Address: 15602 Jacintoport Boulevard. Phone: 281-457-7930 Town: Houston State: TX County: Harris Railway Connection: One surface track serving two loading racks at terminal in rear connects with Port Terminal Railroad. Purpose: Berth B: Receipt and shipment of crude oil and petroleum products by barge; loading barges for bunkering vessels at berth in harbor. Berth A: Transient mooring of barges. Depth Alongside (feet): 15 Latitude (decimal): Longitude (decimal): -95.13167 Total Berthing Space (feet): 1,050 | Remarks: One 12-inch crude condensate, two 12- and one 10-inch petroleum products, and two 12- and one 8inch bunker fuel pipelines extend to wharf from storage tanks described under Ship Dock No. 6 (Ref. No. 99). One 8-inch crude oil and one 8-inch petroleum products pipelines extend from wharf to Ship Dock No. 1 Wharf (Ref. No. 104). One 12-inch vapor-recovery pipeline extends from wharf to flare tower at rear. Plant fire pump is located on steel approach to Berth A. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 249 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 39.3 PWD: 268 Name: Aimcor Deer Park Coke Wharf. Right bank, Houston Ship Channel, approximately 0.6 mile below East Beltway 8 Location: Datum: MLT Bridge, above Boggy Bayou Applied Industrial Materials Corp., Carbon Products Group Operator: Owner: Shell Oil Co. Address: 5900 State Highway 225 Phone: 713-246-4694 Town: State: TX Deer Park County: Harris Railway Connection: None. Purpose: Shipment of petroleum coke by barge. Latitude (decimal): Depth Alongside (feet): 16 29.733056 Total Berthing Space (feet): 1,650 | Longitude (decimal): -95.13556 Remarks: Open storage area with capacity for 12,000 tons is located at coking plant at rear of Shell Oil Co., Deer Park Refinery, West Dock Wharf (Ref. No. 271). Two traveling bridge cranes, each equipped with 17cubic yard bucket, recover petroleum coke from storage area to a ground-level hopper serving 'pipeconveyor' system to wharf. Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 745

Port: Houston Waterway: Houston Ship Channel Mile: 40.3 PWD: 267 Name: Occidental Chemical Corp., Houston Ammonia Terminal Wharf. Right bank, Houston Ship Channel, approximately 0.2 mile above East Beltway 8 Location: Datum: MLT Bridge, Pasadena. Operator: Houston Ammonia Terminal, Aristech Chemical Corp, and Enron Methanol Co. Owner: Occidental Chemical Corp.. Address: 4403 State Highway 225 Phone: 281-884-4061 State: TX Town: Pasadena County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Receipt of anhydrous ammonia and orthozylene; shipment of 2-ethyl hexanoyl; receipt and shipment of methanol. Latitude (decimal): Depth Alongside (feet): 29.734722 32 Total Berthing Space (feet): 850 Longitude (decimal): -95.15139 Т Remarks: Houston Ammonia Terminal: One 10-inch anhydrous ammonia and one 4-inch vapor recovery pipelines extend from wharf to 2 steel storage tanks in rear, total capacity 10,544,800 gallons. Aristech Chemical Corp.: One 10-inch orthozylene pipeline extends to one 2,500,000-gallon storage tank, and one 6-inch 2-ethyl hexanovl pipeline extends from 3 storage tanks, total capacity 4,100,000 gallons, all located at company's Pasadena Plant. Enron Methanol Co.: one 8-becoming 14-inch methanol pipeline extends to 4 storage tanks, total capacity 17,500,000 gallons, located at company's Pasadena Plant. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 735 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 40.6 PWD: 266 Name: Georgia Gulf Corp., Pasadena Plant Ship Dock Wharf. Right bank, Houston Ship Channel, approximately 0.5 mile above East Beltway 8 Location: Datum: MLT Bridge, Pasadena. Georgia Gulf Corp., Pasadena Division Operator: Owner: Georgia Gulf Corp., Pasadena Division Address: 3503 Pasadena Freeway. Phone: 713-920-4375 Town: State: TX Pasadena County: Harris Railway Connection: One surface track serving plant in rear connects with Port Terminal Railroad. Purpose: Receipt of benzene; shipment of acetone, phenol, cumene, and cumene heavies. Depth Alongside (feet): 42 Latitude (decimal): 29.7375 Longitude (decimal): -95.15639 Total Berthing Space (feet): 750 Remarks: One 10-inch phenol pipeline extends to wharf from 2 steel storage tanks at plant in rear, total capacity 1.000.000 gallons: Four 8-inch pipelines extend to wharf from 8 cumene storage tanks, total capacity 11,180,400 gallons, 2 acetone storage tanks, total capacity 1,580,000 gallons, and one 6,720,000gallon benzene storage tank. Two 4-inch vapor recovery pipelines extend from wharf to acetone and phenol storage tanks.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 733

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 41.6 PWD: 265 Name: Ethyl Corp., Amoco Pasadena Plant Barge Dock Wharf. Right bank, Houston Ship Channel, approximately 600 feet below point opposite Location: Datum: MLT entrance to Greens Bayou, Operator: Ethyl Corp. Owner: Amoco Chemical Co. Address: 1000 North South Street. Phone: 713-740-8376 State: TX Town: Pasadena County: Harris Railway Connection: None. Purpose: Receipt of olefins, alum, and fuel oil blends. Latitude (decimal): Depth Alongside (feet): 17 Total Berthing Space (feet): 300 Longitude (decimal): -95.16778 Remarks: Three pipelines extend from wharf to storage tanks in Amoco Chemical Co., Pasadena Plant located at rear: One 10-inch to 4 olefins storage tanks, total capacity 1,543,000 gallons; one 8-inch to one 708,600-gallon alum storage tank, and one 6-inch to one 27,800-barrel fuel oil storage tank. Corps of Engnrs Waterway Code: 60370 Dock Code: 714 Year of Last Survey: 1999 Galveston District Port: Houston PWD: 264 Waterway: Houston Ship Channel Mile: 41.6 Name: **Ethyl Corp., Houston Plant Wharf.** Right bank, Houston Ship Channel, approximately 300 feet below point opposite Location: Datum: MLT entrance to Greens Bayou, Operator: Ethyl Corp. Owner: Ethyl Corp. Address: 1000 North South Street. Phone: 713-740-8376 Town: Pasadena State: TX County: Harris Railway Connection: Plant trackage serving loading rack in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of tetra ethyl lead; mooring company-owned vessels for maintenance and repair. Depth Alongside (feet): Latitude (decimal): 29.745278 32 Total Berthing Space (feet): 330 Longitude (decimal): -95.16861 Remarks: Three 3-inch pipelines extend from wharf, two to 5 steel storage tanks, total capacity 2,290,500 gallons, and one to a tank-car loading rack at rear. Nitrogen and compressed air lines serve wharf. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 714 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 41.7 PWD: 129

Name: Joe D. Hughes, DK-02 Pier Upper Side

Location: Left bank, Houston Ship Channel, above entrance to Greens Bayou, Houston. Datum: MLT

Operator: Joe D. Hughes, division of Brown & Root, Inc. and Vulcan/ICA Distribution Co. See Re

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8970

Town: Houston State: TX County: Harris

Railway Connection: Trackage in rear connects with Port Terminal Railroad.

Purpose: Transient mooring of vessels and barges.

Depth Alongside (feet): 20 - 25 | | Latitude (decimal): 29.748889

Total Berthing Space (feet): 620 | Longitude (decimal): -95.16861

Remarks: Adjacent slip is owned by 'The Port at Greens Bayou' Ltd. and operated by Vulcan/ICA Distribution Co.

(Ref. No. 130)□

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: Dock Code: 284

Port: Houston

Waterway: Houston Ship Channel Mile: 41.8 PWD: 130

Name: Vulcan/ICA Distribution Co., Houston Sales Yard Pier

Location: Left bank, Houston Ship Channel, approximately 600 feet above entrance to Greens Datum: MLT

Bayou, Houston.

Operator: Vulcan/ICA Distribution Co.
Owner: 'The Port at Greens Bayou' Ltd.

Address: 14047 Industrial Road Phone: 713-455-6984

Town: Houston State: TX County: Harris

Railway Connection: One surface track at rear; connects with Port Terminal Railroad.

Purpose: Receipt of limestone by self-unloading vessel. Occasional shipment of limestone by barge via direct

transfer from vessel at berth.

 Depth Alongside (feet):
 21
 | 40
 | 10 - 25
 Latitude (decimal):
 29.748889

 Total Berthing Space (feet):
 | 752
 | 520
 Longitude (decimal):
 -95.17028

Remarks: Vessels moor at lower side to unload. Slip on lower side is approximately 270 feet wide. One 36-inch

belt conveyor system extends from recovery tunnel in storage yard, through cleaning plant, to a fixed stacker and to one 500-ton truckloading hopper at rear, rate 350 tons per hour. Approximately 16 acres of open storage area at rear has capacity for 240,000 tons of limestone aggregate. One mixing

plant for stabilized base material is located at rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 281

Port: Houston Waterway: Houston Ship Channel Mile: 42.0 PWD: 131 Name: Brown & Root Energy Services, Yard E Wharf. Left bank, Houston Ship Channel, approximately 0.4 mile above entrance to Greens Location: Datum: MLT Bayou, Houston. Operator: Brown & Root Energy Services, division of Brown & Root, Inc. Owner: Brown & Root, Inc. Address: 14035 Industrial Road Phone: 713-450-8806 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Shipment of offshore oil well drilling platforms, and other large fabricated steel structures. Latitude (decimal): Depth Alongside (feet): 30 29 7475 Total Berthing Space (feet): 500 Longitude (decimal): -95.17528 Remarks: Wharf was completed subsequent to survey (1997) and is described as planned. Two skidways spaced 80 feet apart in yard extend to wharf for launching platforms. Approximately 13 acres of construction yard and open storage area are located at rear, including 4.7 acres shared with Joe D. Hughes (Ref No. 132) for cargo storage. Oxygen, acetylene gas, and compressed air lines serve wharf. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 282 Port: Houston Waterway: Houston Ship Channel Mile: 42.1 PWD: 132 Name: Joe D. Hughes, D Yard, DK-01 Wharf.

Left bank, Houston Ship Channel, approximately 0.5 mile above entrance to Greens Location: Datum: MLT

Bayou, Houston.

Operator: Joe D. Hughes, division of Brown & Root, Inc.

Owner: Brown & Root, Inc.

Address: 14035 Industrial Road Phone: 713-450-8970

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Receipt and shipment of conventional, containerized, and roll-on roll-off general cargo, and project

cargo, including pipe, machinery, and heavy equipment.

Depth Alongside (feet): Latitude (decimal): 16 28 16 29 7475 Total Berthing Space (feet): 200 740 200 Longitude (decimal): -95.17806

Remarks: Lower side of slip formed by recessed middle section of wharf is 98 feet long, and upper side is 90 feet long. Approximately 25 acres of open storage area is located in rear. Approximately 20 acres of container and open storage area are located at operator's marshalling yard on opposite side of

Industrial Road. Additional open storage is available at adjacent Brown & Root Energy Services, Yard

E (Ref. No. 131).

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 284

Port: Houston Waterway: Houston Ship Channel Mile: 42.1 PWD: 262 Name: Phillips Chemical Co., Houston Chemical Complex Terminal, Berths N Right bank, Houston Ship Channel, above slip approximately 0.3 mile above point Location: Datum: MLT opposite entrance to Gre Operator: Phillips Petroleum Co. Owner: Phillips Petroleum Co. Address: 1400 Jefferson Road. Phone: 713-475-3943 State: TX Town: Pasadena County: Harris Railway Connection: Two surface tracks in rear join additional plant trackage; connect with Port Terminal Railroad. Purpose: Mooring vessels and barges for repair. Latitude (decimal): Depth Alongside (feet): 22 - 25 I 29.745833 25 Total Berthing Space (feet): 960 Longitude (decimal): -95.17722 - 1 Remarks: Chemical plant and open storage area are located in rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 711 **Galveston District** Port: Houston Waterway: Houston Ship Channel Mile: 42.1 PWD: 263 Name: Phillips Chemical Co., Houston Chemical Complex Terminal, Berths N Location: Right bank, Houston Ship Channel, upper side of slip approximately 0.3 mile above Datum: MLT point opposite entranc Phillips Petroleum Co. and Ethyl Corporation. Operator: Owner: Phillips Petroleum Co. Address: 1400 Jefferson Road. Phone: 713-475-3943 Town: Pasadena State: TX County: Harris Two surface tracks in rear join additional plant trackage; connect with Port Terminal Railway Connection: Railroad. Purpose: Receipt of styrene; receipt and shipment of olefins. Latitude (decimal): Depth Alongside (feet): 35 29 743056 Total Berthing Space (feet): 1,780 | Longitude (decimal): -95.17472 Remarks: Slip is approximately 400 to 500 feet wide. Phillips Petroleum Co.: one 4-inch styrene pipeline extends from inner part of inner portion, Berth No. 4, to 2 steel storage tanks at Phillips Chemical Co. plant in rear, total capacity 1,680,000 gallons. Ethyl Corp.: two 8- becoming 10-inch pipelines extend from outer portion, Berth No. 7, and one 4- becoming 10-inch pipeline extends from Berth No. 5 at inner portion, to 4 olefins storage tanks at Amoco Chemical Co., Pasadena Plant, described under Ethyl

Corp., Amoco Pasadena Plant Barge Dock Wharf (Ref. No. 265).

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 711

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 42.7 PWD: 261 Name: Tessenderlo Kerley Wharf. Right bank, Houston Ship Channel, approximately 1.2 miles below entrance to Location: Datum: MLT Cotton Patch Bayou, Pasadena Operator: Tessenderlo Kerlev. Inc. Owner: Tessenderlo Kerley, Inc. Address: 1050 Jefferson Road. Phone: 713-477-4400 State: TX Town: Pasadena County: Harris Railway Connection: Two surface tracks serving loading racks in plant at rear join trackage in Phillips Chemical Co. complex (Ref. No. 263); connect with Port Terminal Railroad. Purpose: Receipt and shipment of liquid bulk fertilizer. Latitude (decimal): 29.745 Depth Alongside (feet): 28 Longitude (decimal): -95.18556 Total Berthing Space (feet): 550 Remarks: Three 6-, one 4- and one 3-inch fertilizer pipelines extend to wharf from 7 storage tanks at plant in rear, total capacity 4,550,000 gallons. One 4-inch potassium hydroxide pipeline extends from wharf to one 500,000-gallon storage tank. One 6-inch vent pipeline serves wharf. One storage building of timber, Aframe construction above low concrete walls, located at rear of wharf and having capacity for 25,000 tons of dry bulk fertilizer, was not in use at timeof survey (1998). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 705 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 42.8 PWD: 133 Name: Armco Houston Ship Wharf. Left bank, Houston Ship Channel, approximately 1.1 miles above entrance to Greens Datum: MLT Location: Bayou, Houston. Operator: Armco Inc. d.b.a. Greens Port Industrial Park Owner: Armco Inc. Address: 13609 Industrial Road Phone: 713-455-1086 State: TX Town: Houston County: Harris Two surface tracks on wharf and one 7-car capacity, floor-level track serving a warehouse Railway Connection: join trackage serving industrial park at rear; connect with Port Terminal Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of conventional, containerized, and roll-on roll-off general cargo and of project cargo; and receipt of miscellaneous dry bulk commodities, including iron ore & vermiculite Latitude (decimal): Depth Alongside (feet): 40 29.746111 Longitude (decimal): -95.18889 Total Berthing Space (feet): 1,200 | Remarks: Two steel frame, metal-covered warehouses with concrete floors, 40 feet of clear height inside, and a total area of 140,000 square feet are located in industrial park at rear. Gulf Stream Marine, Inc. operates approximately 10 acres of container storage area with capacity for 2,000 TEUs. Approximately 110 acres of additional open storage area are located at rear. Corps of Engnrs Waterway Code: 60370 Dock Code: 300 Year of Last Survey: 1999 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 43.1 PWD: 260 Name: Agrifos Fertilizer, Pasadena Plant, Sulphur Dock. Right bank, Houston Ship Channel, approximately 0.8 mile below Cotton Patch Location: Datum: MLT Bayou, Houston. Operator: Agrifos Fertilizer L.P. Owner: Agrifos Fertilizer L.P. Address: 2001 Jackson Road. Phone: 713-920-5485 State: TX Town: Pasadena County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Transient mooring of barges. Latitude (decimal): Depth Alongside (feet): 15 29.743333 Total Berthing Space (feet): 300 Longitude (decimal): -95.19167 Remarks: Formerly used for receipt of bulk liquid sulphur and sulfuric acid. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 699 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 43.1 PWD: 134 Name: Armco Houston Barge Wharf. Left bank. Houston Ship Channel, approximately 1.4 miles above entrance to Greens Datum: MLT Location: Bayou, Houston. Armco Inc. d.b.a. Greens Port Industrial Park Operator: Northwestern Steel and Wire Co. and Armco Inc. Owner: 13609 Industrial Road Phone: 713-455-1086 Address: Town: Houston State: TX County: Harris Railway Connection: Two surface tracks extending through rear of warehouse join trackage serving industrial park at rear; connect with Port Terminal Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of steel products and roll-on roll-off general cargo, and, occasionally, of containerized general cargo, all by barge. Latitude (decimal): Depth Alongside (feet): 15 15 29.744167

feet outboard of wharf face, 33 feet above MLT.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 300 Galveston District

Remarks: Armco Inc. owns lower 100 feet of wharf face, operates lower 370 feet of wharf face, and lands roll-on roll-off cargo at lower side. One 225- by 104-foot, steel-framed, metal-covered, warehouse with elevated concrete floor is located at rear of wharf face, approximately 370 feet from lower end. A craneway for an inoperable traveling overhead bridge crane extends from shipside of warehouse to 51

Longitude (decimal): -95.19361

Total Berthing Space (feet):

749

70

Port: Houston Waterway: Houston Ship Channel Mile: 43.2 PWD: 259 Name: Agrifos Fertilizer, Pasadena Plant, Sulfuric Acid/Thio Dock and Bu Right bank, Houston Ship Channel, approximately 0.6 mile below Cotton Patch Location: Datum: MLT Bayou, Pasadena. Operator: Agrifos Fertilizer L.P. Owner: Agrifos Fertilizer L.P. Address: 2001 Jackson Road. Phone: 713-920-5485 State: TX Town: Pasadena County: Harris Railway Connection: Three surface tracks along rear of wharf join additional plant trackage; connect with Port Terminal Railroad. Purpose: Receipt of phosphate rock by seagoing barge; receipt and shipment of sulfuric acid; shipment of ammonium thiosulfate. Depth Alongside (feet): 35 Latitude (decimal): Longitude (decimal): -95.19389 Total Berthing Space (feet): 615 Remarks: Face of wharf is in line with, and berthing space for upper portion includes a portion of, adjacent Fertilizer Loader Dock Wharf (Ref. No. 258). Nine storage silos and one storage dome at plant in rear have total capacity for 46,000 tons of phosphate rock. Two 6-inch pipelines extend to upper section of upper portion of wharf, one from one 90.000-gallon sulfuric acid storage tank, and one from one 28,600-gallon ammonium thiosulfate storage tank. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 699 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 43.3 PWD: 258 Name: Agrifos Fertilizer, Pasadena Plant, Fertilizer Loader Dock Wharf Right bank, Houston Ship Channel, approximately 0.6 mile below Cotton Patch Location: Datum: MLT Bayou, Pasadena. Agrifos Fertilizer L.P. Operator: Owner: Agrifos Fertilizer L.P. Address: 2001 Jackson Road. Phone: 713-920-5485 Town: Pasadena State: TX County: Harris Three surface tracks along rear of wharf, two serving rail-loading spouts, join additional Railway Connection: plant trackage; connect with Port Terminal Railroad. Purpose: Shipment of dry bulk fertilizer. Depth Alongside (feet): Latitude (decimal): 29.741667 35 Longitude (decimal): -95.19583 Total Berthing Space (feet): 1,060 | Remarks: Face of wharf is in line with, and berthing space includes a portion of, adjacent Sulfuric Acid/Thio Dock and Buhler Unloader Dock Wharf, (Ref. No. 259). Two storage buildings of timber construction above concrete walls, located in plant at rear, have capacity for 40,000 tons of dry bulk fertilizer. Corps of Engnrs Waterway Code: 60370 Dock Code: 699 Year of Last Survey: 1999 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 43.3 PWD: 135 Name: Amerada Hess Corp., Houston Terminal, Barge Dock No. 3 Wharf. Left bank, Houston Ship Channel, approximately 1.6 miles above entrance to Greens Location: Datum: MLT Bayou, Galena Park. Operator: Amerada Hess Corp. Owner: Amerada Hess Corp. Address: 12901 American Petroleum Road Phone: 713-453-6301 State: TX Town: Galena Park County: Harris Railway Connection: Two surface tracks extend along bank in rear; connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and coal tar, and, occasionally, of crude oil and chemicals; loading barges for bunkering vessels at berth in harbor. Latitude (decimal): 29.742778 Depth Alongside (feet): 12 Total Berthing Space (feet): 200 Longitude (decimal): -95.19611 Τ 1 Remarks: Five 8- and three 6-inch pipelines extend from wharf to 150 steel storage tanks, total capacity 9,000,000 barrels. □ Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 308 Galveston District Port: Houston PWD: 257 Waterway: Houston Ship Channel Mile: 43.4 Name: Agrifos Fertilizer, Pasadena Plant, Liquid Ammonia Barge Dock. Right bank, Houston Ship Channel, approximately 0.5 mile below entrance to Cotton Location: Datum: MLT Patch Bayou, Pasadena. Agrifos Fertilizer L.P. Operator: Owner: Agrifos Fertilizer L.P. 2001 Jackson Road. Address: Phone: 713-920-5485 Town: Pasadena State: TX County: Harris Railway Connection: Two surface tracks serve plant in rear; connect with Port Terminal Railroad. Purpose: Receipt of anhydrous ammonia by barge. Latitude (decimal): 29.740833 Depth Alongside (feet): 35 Total Berthing Space (feet): 310 Longitude (decimal): -95.19778 Remarks: One 6-inch pipeline extends from face of pier to one 7,500-ton steel, anhydrous ammonia storage tank in rear.□ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 699 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 43.4 PWD: 137 Name: Amerada Hess Corp., Houston Terminal, Barge Dock No. 1 Wharf. Left bank, Houston Ship Channel, approximately 1.8 miles above entrance to Greens Datum: MLT Location: Bayou, Galena Park. Operator: Amerada Hess Corp. Owner: Amerada Hess Corp. Address: 12901 American Petroleum Road Phone: 713-453-6301 Town: Galena Park State: TX County: Harris Railway Connection: Two surface tracks along bank in rear join 3 tracks serving tank car loading racks; connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and coal tar, and, occasionally, of chemicals: loading barges for bunkering vessels at berth in harbor. Depth Alongside (feet): 12 Latitude (decimal): Longitude (decimal): -95.19833 Total Berthing Space (feet): 200 Remarks: One 10-, six 8-, and seven 6-inch pipelines extend from wharf to storage tanks described under Ref. No. 135. □ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 308 **Galveston District** Port: Houston Waterway: Houston Ship Channel Mile: 43.4 PWD: 136 Name: Amerada Hess Corp., Houston Terminal, Barge Dock No. 2 Wharf. Left bank, Houston Ship Channel, approximately 1.7 miles above entrance to Greens Datum: MLT Location: Bayou, Galena Park. Operator: Amerada Hess Corp. Owner: Amerada Hess Corp. Address: 12901 American Petroleum Road Phone: 713-453-6301 Town: Galena Park State: TX County: Harris Railway Connection: Two surface tracks along bank in rear join 3 tracks serving tank car loading racks; connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and coal tar, and, occasionally, of chemicals: loading barges for bunkering vessels at berth in harbor. Depth Alongside (feet): 12 Latitude (decimal): 29.742778 Longitude (decimal): -95.1975 Total Berthing Space (feet): 200 Т Remarks: Six 10-, three 8-, and three 6-inch pipelines extend from wharf to storage tanks described under Ref. No. 135. □ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 308 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 43.6 PWD: 138 Name: Amerada Hess Corp., Houston Terminal, Ship Dock No. 2 Wharf. Left bank, Houston Ship Channel, approximately 1.9 miles above entrance to Greens Location: Datum: MLT Bayou, Galena Park. Operator: Amerada Hess Corp. Owner: Amerada Hess Corp. Phone: 713-453-6301 Address: 12901 American Petroleum Road State: TX Town: Galena Park County: Harris Railway Connection: Tracks serving terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products, acids, caustic soda, and occasionally, other chemicals; bunkering vessels at berth; loading barges for bunkering vessels at berth in harbor. Latitude (decimal): Depth Alongside (feet): 40 Longitude (decimal): -95.19972 Total Berthing Space (feet): 1,000 | 1 Remarks: Two 24-, one 20-, one 16-, five 14-, twelve 10-, eleven 8-, and twenty-seven 6-inch pipelines extend from wharf to the storage tanks described under Ref. No. 135. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 308 Galveston District Port: Houston PWD: 139 Waterway: Houston Ship Channel Mile: 43.7 Name: Amerada Hess Corp., Houston Terminal, Ship Dock No. 1 Wharf. Left bank, Houston Ship Channel, lower side of dredged basin at lower side of Location: Datum: MLT Hunting Bayou Turning Basi Operator: Amerada Hess Corp. Owner: Amerada Hess Corp. Address: 12901 American Petroleum Road Phone: 713-453-6301 Town: Galena Park State: TX County: Harris Railway Connection: Tracks serving terminal in rear connect with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products, acids, caustic soda, and occasionally, other chemicals; bunkering vessels at berth. Depth Alongside (feet): Latitude (decimal): 29.742222 42 Longitude (decimal): -95.20111 Total Berthing Space (feet): 800 - 1 1 Remarks: Two 24-, two 20-, five 14-, and three 12-inch pipelines extend from wharf to storage tanks described under Ref. No. 135. Approximately 300 feet of steel sheet pile, cellular bulkhead with concretesurfaced solid fill, forming inner end of basin, is used for transient mooring of tugboats. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 308 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 44.1 PWD: 251 Name: Newpark Shipbuilding Pasadena, Mooring Barge Right bank, Houston Ship Channel, above entrance to Cotton Patch Bayou. Location: Datum: MLT Pasadena. Operator: Newpark Shipbuilding Pasadena, subsidiary of First Wave Marine, Inc. Owner: First Wave Marine, Inc. Address: 1600 North Witter Road Phone: 713-473-5561 State: TX Town: Pasadena County: Harris Railway Connection: None. Purpose: Mooring barges and small vessels for repair. Latitude (decimal): Depth Alongside (feet): 15 29.735278 Total Berthing Space (feet): 300 Longitude (decimal): -95.20417 Remarks: Steel structure at lower side of barge anchors strut extending to Drydock No. 4., moored at lower end of West Wharf (Ref. No. 252). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 687 **Galveston District** Port: Houston PWD: 250 Waterway: Houston Ship Channel Mile: 44.3 Name: **GATX Pasadena Terminal, Ship Dock Wharf.** Location: Right bank, Houston Ship Channel, approximately 0.1 mile above entrance to Cotton Patch Bayou, Pasadena. Operator: GATX Terminals Corp. Owner: GATX Terminals Corp. 530 North Witter Street Address: Phone: 713-920-8419 Town: Pasadena State: TX County: Harris Railway Connection: None. Purpose: Receipt and shipment of petroleum products, petrochemicals, and other bulk liquid commodities. 17 Latitude (decimal): Depth Alongside (feet): 38 29.733889 Total Berthing Space (feet): 750 300 Longitude (decimal): -95.20556 Remarks: Two 16-, four 12-, and two 8-inch petroleum product and petrochemical pipelines and one 4-inch slop

Year of Last Survey: 1999

line extend from wharf to storage tanks described under Barge Dock No. 2 Wharf (Ref. No. 248); two 8-

Galveston District

Corps of Engnrs Waterway Code: 60370 Dock Code: 686

becoming one 12-inch vapor recovery pipelines extend from wharf to processing unit in rear.

Port: Houston Waterway: Houston Ship Channel Mile: 44.4 PWD: 249 Name: GATX Pasadena Terminal, Barge Dock No. 1 Wharf. Right bank, Houston Ship Channel, approximately 0.2 mile above entrance to Cotton Location: Datum: MLT Patch Bayou, Pasadena. Operator: GATX Terminals Corp. Owner: GATX Terminals Corp. Address: 530 North Witter Street Phone: 713-920-8419 State: TX Town: Pasadena County: Harris Railway Connection: None. Purpose: Receipt and shipment of petroleum products, petrochemicals, and other bulk liquid commodities. Latitude (decimal): Depth Alongside (feet): 17 29.732778 Total Berthing Space (feet): 310 Longitude (decimal): -95.20611 Remarks: Six 8-inch petroleum product pipelines, and two 8-inch petrochemical pipelines extend from wharf to respective storage tanks described under Barge Dock No. 2 Wharf (Ref. No. 248). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 **Galveston District** Dock Code: 686 Port: Houston PWD: 248 Waterway: Houston Ship Channel Mile: 44.4 Name: GATX Pasadena Terminal, Barge Dock No. 2 Wharf. Location: Right bank, Houston Ship Channel, approximately 0.3 mile above entrance to Cotton Datum: MLT Patch Bayou, Pasadena. GATX Terminals Corp. Operator: Owner: GATX Terminals Corp. Address: 530 North Witter Street Phone: 713-920-8419 Town: Pasadena State: TX County: Harris Railway Connection: None. Purpose: Receipt of petrochemicals; receipt and shipment of petroleum products and other bulk liquid commodities. Latitude (decimal): Depth Alongside (feet): 17 17 29 731944 Total Berthing Space (feet): 600 300 Longitude (decimal): -95.20583 Remarks: Two 12- and three 8-inch petroleum product pipelines extend from wharf to 91 steel storage tanks at terminal in rear, total capacity 12,226,000 barrels. Two 8-inch petrochemical pipelines extend from wharf to 4 steel storage tanks, total capacity 3,108,000 gallons. Two 8- becoming one 12-inch vapor recovery pipelines extend from wharf to processing unit at rear. One 20-inch pipeline extends from tanks to GATX Terminals Corp., Galena Park Terminal (Ref. No.148). Terminal connects with pipelines operated by Colonial Pipeline Co., Explorer Pipeline Co., and Texas Eastern Products Pipeline Co.

Year of Last Survey: 1999

Dock Code: 686

Galveston District

Corps of Engnrs Waterway Code: 60370

Mile: 44.9

PWD: 247

Waterway: Houston Ship Channel Name: Crown Central Petroleum Corp., Pasadena Refinery Ship Dock Wharf. Right bank, Houston Ship Channel, approximately 0.8 mile below entrance to Vince Location: Datum: MLT Bayou, Pasadena. Operator: Crown Central Petroleum Corp. Owner: Crown Central Petroleum Corp. Address: 111 Red Bluff Road Phone: 713-920-4100 State: TX Town: Pasadena County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals; receipt of crude oil; occasional handling of ships stores. Latitude (decimal): Depth Alongside (feet): 39 Longitude (decimal): -95.21056 Total Berthing Space (feet): 950 Ι Remarks: Twelve pipelines extend from center wharf to steel storage tanks at rear: One 18- and one 14-inch to 8 crude oil tanks, total capacity 2,300,000 barrels, and three 12-, three 10-, three 8-, and one 6-inch to 35 petroleum product and petrochemical tanks, total capacity 1,200,000 barrels. One 8-inch vapor recovery pipeline extends from center wharf to plant at rear. Lower wharf formerly was used for shipment of calcined petroleum coke. Six steel storagesilos, total capacity 24,000 tons, and a calcining plant located in rear were unused at time of survey (1997). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 677 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 45.0 PWD: 246 Name: Crown Central Petroleum Corp., Pasadena Refinery Barge Slip. Right bank, Houston Ship Channel, approximately 0.7 mile below entrance to Vince Location: Datum: MLT Bayou, on lower side of Crown Central Petroleum Corp. Operator: Owner: Crown Central Petroleum Corp. Address: 111 Red Bluff Road Phone: 713-920-4100 State: TX Town: Pasadena County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Shipment of green petroleum coke. Latitude (decimal): Depth Alongside (feet): 0 - 15 15 29.725 Total Berthing Space (feet): 50 280 Longitude (decimal): -95.21194 Remarks: Slip is located over Washburn Highway Tunnel under Houston Ship Channel. Coking plant at rear serves a belt conveyor system extending to a radial stacker in open storage area at rear of wharf, capacity 30,000 tons. Slip formerly was used for receipt of green petroleum coke, unloaded by crawler crane. A ground level hopper in yard serves a 24-inch, electric, belt-conveyor system extending to an unused calcining plant described under Ship Dock Wharf(Ref. No. 247). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 677 Galveston District

Port:

Houston

Port: Houston Waterway: Houston Ship Channel Mile: 45.3 PWD: 245 Name: Simpson Pasadena Paper Co., San Jacinto Mill Wharf. Right bank, Houston Ship Channel, approximately 0.4 mile below entrance to Vince Location: Datum: MLT Bayou, Pasadena. Operator: Not operated. Owner: Simpson Pasadena Paper Co. North Shaver Street at Washburn Tunne Address: Phone: 713-475-6202 State: TX Town: Pasadena County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Not used. Depth Alongside (feet): 12 Latitude (decimal): 29.723889 Total Berthing Space (feet): 580 Longitude (decimal): -95.21583 Remarks: At time of survey (1998) timber walkways to dolphins below wharf were in deteriorated condition and there was no access to the derricks. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 **Galveston District** Dock Code: 673 Port: Houston Waterway: Houston Ship Channel Mile: 45.4 PWD: 244 Name: Gulf Coast Waste Disposal Authority, Washburn Tunnel Facility, Low Location: Right bank, Houston Ship Channel, approximately 0.3 mile below entrance to Vince Datum: MLT Bayou, Pasadena. Gulf Coast Waste Disposal Authority. (See Remarks) Operator: Owner: Gulf Coast Waste Disposal Authority. 1002 North Richey Street Phone: 713-472-5507 Address: Town: Pasadena State: TX County: Harris Railway Connection: None. Purpose: Receipt of wastewater by barge. Latitude (decimal): Depth Alongside (feet): 12 29.723611 Total Berthing Space (feet): Longitude (decimal): -95.21889 480 Remarks: Barge unloading is performed by the companies supplying the wastewater. One 8-inch pipeline

extends from wharf to water treatment plant at rear.

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Galveston District

Dock Code: 668

Port: **Houston**

Waterway: Houston Ship Channel Mile: 45.5 PWD: 243

Name: Gulf Coast Waste Disposal Authority, Washburn Tunnel Facility, Upp

Location: Right bank, Houston Ship Channel, approximately 900 feet below entrance to Vince Datum: MLT

Bayou, Pasadena.

Operator: Not operated.

Owner: Gulf Coast Waste Disposal Authority.

Address: 1002 North Richey Street Phone: 713-472-5507

Town: Pasadena State: TX County: Harris

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 8 | Latitude (decimal): 29.723889

Total Berthing Space (feet): 200 | Longitude (decimal): -95.22083

Remarks: Formerly used for mooring barges awaiting unloading at Lower Dock Wharf (Ref. No. 244).

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 668 Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 45.7 PWD: 147

Name: GATX Terminals Corp., Galena Park Terminal, Barge Dock No. 3 Wharf

Location: Left bank, Houston Ship Channel, lower side of slip opposite entrance to Vince Datum: MLT

Bayou, Galena Park.

Operator: GATX Terminals Corp. Owner: GATX Terminals Corp.

Address: 906 Clinton Drive Phone: 713-450-7481

Town: Galena Park State: TX County: Harris

Railway Connection: None.

Purpose: Transient mooring of tugboats.

Depth Alongside (feet): 36 | - | Latitude (decimal): 29.726667

Total Berthing Space (feet): 225 | - | - Longitude (decimal): -95.22333

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 336 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 45.7 PWD: 148 Name: GATX Terminals Corp., Galena Park Terminal, Ship Dock No. 3 Wharf. Left bank, Houston Ship Channel, upper side of slip opposite entrance to Vince Location: Datum: MLT Bayou, Galena Park. Operator: GATX Terminals Corp. Owner: GATX Terminals Corp. Address: 906 Clinton Drive Phone: 713-450-7481 State: TX Town: Galena Park County: Harris Railway Connection: Two surface tracks serve tank car loading racks at terminal in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products, chemicals, petrochemicals, vegetable oils, and other bulk liquids. Receipt of ballast water Depth Alongside (feet): 39 Latitude (decimal): 26 Longitude (decimal): -95.22389 Total Berthing Space (feet): 815 290 Remarks: Irregularly-shaped slip is approximately 360 feet wide between faces of wharf and Barge Dock No. 3 (Ref. No. 147). Two 20- and ten 8-inch liquid bulk commodity pipelines, one 8-inch vapor recovery pipeline, and one 3-inch ballast water pipeline extend from wharf to storage tanks described under other terminal wharves (Ref. Nos. 149, 150 and 151). One 8-inch aviation fuel pipeline extends from wharf to one 10,000-barrel storage tank owned by TexacoU.S.A., located at 780 Clinton Drive. One 20inch pipeline extends from tanks to GATX Terminals Corp., Pasadena Terminal (Ref. No. 248). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 336 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 45.9 PWD: 149 Name: GATX Terminals Corp., Galena Park Terminal, Ship Dock No. 1 Wharf. Left bank, Houston Ship Channel, approximately 450 feet above entrance to slip Location: Datum: MLT opposite entrance to Vinc Operator: GATX Terminals Corp. Owner: GATX Terminals Corp. Address: 906 Clinton Drive Phone: 713-450-7481 Town: Galena Park State: TX County: Harris Railway Connection: Two surface tracks serve tank car loading racks at terminal in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products, chemicals, petrochemicals, vegetable oils, and other bulk liquids. Depth Alongside (feet): Latitude (decimal): 29.726667 Total Berthing Space (feet): Longitude (decimal): -95.22667 600 Remarks: Lower side of wharf and rear of two cellular breasting dolphins on that side provide an additional berth with 90 feet of breasting distance. Five 12-, one 10-, six 8-, and twelve 6-inch liquid bulk commodity pipelines extend from wharf to 16 steel storage tanks at rear, total capacity 635,000 barrels. Eight 8inch lube oil pipelines extend to 8 steel storage tanks at rear, total capacity 170,000 barrels, which are connected to Texaco Lubricants Co., HoustonPlant at 780 Clinton Drive. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 336 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 46.1 PWD: 150 Name: GATX Terminals Corp., Galena Park Terminal, Barge Dock No. 2 Wharf Left bank, Houston Ship Channel, approximately 0.3 mile above entrance to slip Location: Datum: MLT opposite entrance to Vinc Operator: GATX Terminals Corp. Owner: GATX Terminals Corp. Address: 906 Clinton Drive Phone: 713-450-7481 State: TX Town: Galena Park County: Harris Railway Connection: Two surface tracks serve tank car loading racks at terminal in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products, chemicals, petrochemicals, vegetable oils, and other bulk liquids by barge. Depth Alongside (feet): Latitude (decimal): 36 Longitude (decimal): -95.23083 Total Berthing Space (feet): 550 Remarks: Eight 12-, two 10-, forty-five 8-, and four 6-inch liquid bulk commodity pipelines and one 8-inch vapor recovery pipeline extend from wharf to 45 steel storage tanks at rear, total capacity 1,174,000 barrels. One 3-inch pipeline extends from wharf to truck-loading rack at rear Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 336 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 46.3 PWD: 151 Name: GATX Terminals Corp., Galena Park Terminal, Ship Dock No. 2 Wharf. Left bank, Houston Ship Channel, approximately 0.5 mile above entrance to slip Datum: MLT Location: opposite entrance to Vinc Operator: GATX Terminals Corp. Owner: GATX Terminals Corp. Address: 906 Clinton Drive Phone: 713-450-7481 State: TX Town: Galena Park County: Harris Railway Connection: Two surface tracks serve tank car loading racks at terminal in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products, chemicals, petrochemicals, vegetable oils, and other bulk liquids; receipt of ballast water. Latitude (decimal): Depth Alongside (feet): 39 29.724722 Total Berthing Space (feet): 700 Longitude (decimal): -95.23333 Remarks: Eight 12-, one 10-, nineteen 8-, and five 6-inch liquid bulk commodity pipelines, one 8-inch vapor recovery pipeline, and one 3-inch ballast water pipeline extend from wharf to 24 steel storage tanks at rear, total capacity 1,026,000 barrels. One 12-inch pipeline extends from tanks to Valero Energy Corp., Basis Petroleum refinery (Ref. No. 231). Corps of Engnrs Waterway Code: 60370 Dock Code: 336 Year of Last Survey: 1999 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 46.4 PWD: 242 Name: Lyondell-Citgo Refining Co., Houston Refinery Dock 'D' Wharf. Right bank, Houston Ship Channel, approximately 850 feet below Sims Bayou Location: Datum: MLT (Clinton Island) Turning Basin Operator: Lvondell-Citao Refinina Co. Ltd. Owner: Lyondell-Citgo Refining Co. Ltd. Address: 12000 Lawndale Ave. Phone: 713-321-4136 State: TX Town: Houston County: Harris Railway Connection: Trackage serving refinery in rear connects with Port Terminal Railroad and Union Pacific Railroad. Purpose: Shipment of liquid sulphur; occasional receipt of plant processing equipment. Latitude (decimal): Depth Alongside (feet): 20 29.722778 Total Berthing Space (feet): 350 Longitude (decimal): -95.23361 1 Remarks: One 8-inch pipeline extends to wharf from 2 liquid sulphur storage tanks located at plant in rear, total capacity 6,700 tons. Adjustable loading ramp, formerly used for shipment of packaged petroleum products. was not operable at time of survey (1997). A warehouse building located at rear of Dock 'C' Wharf (Ref. No. 241) is used for storing, drumming, and packaging petroleum products. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 46.4 PWD: 152 Name: Paktank Corp., Galena Park Terminal Wharf. Left bank, Houston Ship Channel, below Sims Bayou (Clinton Island) Turning Basin, Location: Datum: MLT Galena Park. Operator: Paktank Corp. Owner: Paktank Corp. Address: 1600 Clinton Drive Phone: 713-675-9171 State: TX Town: Galena Park County: Harris Railway Connection: Two surface tracks along shore, parallel to wharf, join two surface tracks at loading rack and additional trackage serving plant in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of miscellaneous bulk liquids, including petroleum products, petrochemicals, and vegetable oils. 34 - 36 | Latitude (decimal): Depth Alongside (feet): 29.723333 Total Berthing Space (feet): 700 Longitude (decimal): -95.23611 - 1 Remarks: Five 8- and twenty-two 6-inch pipelines extend from wharf to 86 steel storage tanks at terminal in rear, total capacity 954,000 barrels. Four 6-inch pipelines extend to wharf from rail unloading rack at rear. Building in rear serves as a drumming facility. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 344 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 46.5 PWD: 241 Name: Lyondell-Citgo Refining Co., Houston Refinery Dock 'C' Wharf. Right bank, Houston Ship Channel, approximately 250 feet below Sims Bayou Location: Datum: MLT (Clinton Island) Turning Basin Operator: Lvondell-Citao Refinina Co. Ltd. Owner: Lyondell-Citgo Refining Co. Ltd. Address: 12000 Lawndale Ave. Phone: 713-321-4136 State: TX Town: Houston County: Harris Railway Connection: Trackage serving refinery in rear connects with Port Terminal Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals and petroleum products; receipt of crude oil. Depth Alongside (feet): 38 Latitude (decimal): 29.721667 Total Berthing Space (feet): 750 Longitude (decimal): -95.23528 Τ Remarks: At time of survey (1997) plans called for replacing cellular breasting dolphins with steel caissons fronted by rubber fenders. One 18-inch crude oil and one 12-, fifteen 8-, three 6-, and six 4-inch petroleum product and petrochemical pipelines extend from wharf to respective storage tanks described under Dock 'A' Wharf (Ref. No. 239). One 16-inch ballast line extend to storage tank described under Dock 'B' Wharf (Ref. No. 240). One 8- and one 6-inch vaporrecovery pipelines each extend from an unloading arm of the same size to plant at rear. One 6-inch slop line extends from wharf to 4 steel storage tanks, total capacity 92,000 barrels. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 657 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 46.6 PWD: 153 Name: Port of Houston, Woodhouse Terminal, Berth No. 1 Wharf. Left bank, Houston Ship Channel, at lower end of Sims Bayou (Clinton Island) Location: Datum: MLT Turning Basin, Galena Park. Port of Houston Authority Operator: Owner: Port of Houston Authority Address: 1606 Clinton Drive Phone: 713-670-2435 Town: Galena Park State: TX County: Harris Railway Connection: Four surface tracks on apron join additional trackage serving terminal in rear; connect with Union Pacific Railroad. Purpose: Receipt and shipment of conventional, roll-on roll-off, and containerized general cargo and of miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 39 39 Latitude (decimal): 29.7225 Total Berthing Space (feet): 95 Longitude (decimal): -95.23722 750 Remarks: Area at rear of transit shed includes 6 acres operated for storage of up to 1,000 stacked containers (TEU's), including 2 positions for refrigerated containers, and 10.8 acres used for open storage. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 346 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 46.7 PWD: 240 Name: Lyondell-Citgo Refining Co., Houston Refinery Dock 'B' Wharf. Right bank, Houston Ship Channel, lower side of Sims Bayou (Clinton Island) Location: Datum: MLT Turning Basin, Houston. Operator: Lyondell-Citgo Refining Co. Ltd. Owner: Lyondell-Citgo Refining Co. Ltd. Address: 12000 Lawndale Avenue Phone: 713-321-4136 State: TX Town: Houston County: Harris Railway Connection: Trackage serving refinery in rear connects with Port Terminal Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of petrochemicals and petroleum products; receipt of crude oil. Depth Alongside (feet): 40 Latitude (decimal): 29.719722 Total Berthing Space (feet): 800 Longitude (decimal): -95.23667 Remarks: One 24- and one 18-inch crude oil pipelines, three 16-, two 12-, and two 10-inch petroleum product pipelines, and ten 8-inch petrochemical pipelines extend to respective storage tanks described under Dock 'A' Wharf (Ref. No. 239). One 16-inch ballast pipeline extends from wharf to one 630,000-gallon, steel storage tank. One 12- and one 10-inch vapor recovery pipelines each extend from an unloading arm of the same size to plant at rear. One 16-footdiameter, 10-foot high, concrete-capped, steel sheet pile cell with 30- by 10-foot timber approach, used as a landing for towboats, is located above wharf in 15 feet of water depth. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 657 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 46.7 PWD: 154 Name: Port of Houston, Woodhouse Terminal, Berths Nos. 2 and 3 Wharf. Left bank, Houston Ship Channel, lower side and inner end of slip at side of Sims Location: Datum: MLT Bayou (Clinton Island) Port of Houston Authority Operator: Owner: Port of Houston Authority Address: 1606 Clinton Drive Phone: 713-670-2435 Town: Galena Park State: TX County: Harris Railway Connection: Four surface tracks on apron join additional trackage serving terminal in rear; connect with tracks of Union Pacific Railroad. Purpose: Receipt and shipment of conventional, roll-on roll-off, and containerized general cargo, and of project cargo, in foreign and domestic trade; shipment of used motor oil and cutter stock by barge. Depth Alongside (feet): 36 36 Latitude (decimal): 29.723611 Total Berthing Space (feet): 1,250 Longitude (decimal): -95.23806 155 Remarks: Approximately 2 acres of open storage area are located at rear of inner portion of slipside apron, Berth No. 3. Storage areas described under Berth No. 1 (Ref. No. 153) are available at rear of inner end of slip. Two 6-inch pipelines extend to outer portion of slip side, Berth No. 2, from 14 steel, used motor oil and cutter stock storage tanks, total capacity 112,000 barrels, located at the Safety-Kleen Corp. Inc. terminal at 900 South Main Street.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 346

Galveston District

Port: **Houston**

Waterway: Houston Ship Channel Mile: 46.7 PWD: 155

Name: Port of Houston, Woodhouse Terminal, Fireboat Pier.

Location: Left bank, Houston Ship Channel, inner end of slip at side of Sims Bayou (Clinton Datum: MLT

Island) Turning Basin,

Operator: Port of Houston Authority
Owner: Port of Houston Authority

Address: 1606 Clinton Drive Phone: 713-670-2435

Town: Galena Park State: TX County: Harris

Railway Connection: None.

Purpose: Mooring fireboat 'J. S. Bracewell'

Depth Alongside (feet): - | 21 | - Latitude (decimal): 29.725278

Total Berthing Space (feet): - | 100 | - Longitude (decimal): -95.23861

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 348

Port: Houston

Waterway: Houston Ship Channel Mile: 46.7 PWD: 156

Name: Port of Houston, Woodhouse Terminal, Workboat Wharf.

Location: Left bank, Houston Ship Channel, inner portion of upper side of slip at side of Sims Datum: MLT

Bayou (Clinton Isla

Operator: Port of Houston Authority
Owner: Port of Houston Authority

Address: 1606 Clinton Drive Phone: 713-670-2632

Town: Galena Park State: TX County: Harris

Railway Connection: None.

Purpose: Mooring harbor service vessels.

Depth Alongside (feet): 6 - 8 | - | Latitude (decimal): 29.725

Total Berthing Space (feet): 68 | Longitude (decimal): -95.23861

Remarks: Derrick barge 'Vernon Bailey' moors at wharf.

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Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 350

Port: Houston Waterway: Houston Ship Channel Mile: 46.8 PWD: 239 Name: Lyondell-Citgo Refining Co., Houston Refinery Dock 'A' Wharf. Right bank, Houston Ship Channel, inner end of Sims Bayou (Clinton Island) Turning Location: Datum: MLT Basin, Houston. Operator: Lyondell-Citgo Refining Co. Ltd. Owner: Lyondell-Citgo Refining Co. Ltd. Address: 12000 Lawndale Avenue Phone: 713-321-4136 State: TX Town: Houston County: Harris Railway Connection: Trackage serving refinery in rear connects with Port Terminal Railroad and Union Pacific Railroad. Purpose: Receipt and shipment of petroleum products and petrochemicals; receipt of crude oil, all by barge. Latitude (decimal): Depth Alongside (feet): 12 Total Berthing Space (feet): 600 Longitude (decimal): -95.23806 Remarks: Two 12-inch, crude oil pipelines extend from wharf to 20 steel storage tanks in refinery at rear, total capacity 1,900,000 barrels. Four 10-, five 8-, and four 6-inch petroleum product pipelines extend from wharf to 81 steel storage tanks, total capacity 7,300,000 barrels. Two 8-inch petrochemical pipelines extend from wharf to 20 steel storage tanks, total capacity 6,300,000 gallons. Two 10-inch, vapor recovery pipelines extend from two of the 10-inch unloadingarms to plant at rear. Refinery has pipeline connection with Houston Fuel Oil Terminal Co., Inc. (Ref. No. 88) Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 657 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 46.8 PWD: 157 Name: Port of Houston, Public Grain Elevator No. 2, Woodhouse Terminal, Left bank, Houston Ship Channel, at side of Sims Bayou (Clinton Island) Turning Location: Datum: MLT Basin, Galena Park, Port of Houston Authority Operator: Owner: Port of Houston Authority Address: 1500 South Main Street Phone: 713-671-7100 Town: Galena Park State: TX County: Harris Three surface tracks, each serving a hopper car receiving pit, are joined by one surface Railway Connection: track and additional terminal trackage; connect with Union Pacific Railroad. Purpose: Shipment of grain by vessel. Depth Alongside (feet): Latitude (decimal): 29.720833 42 Longitude (decimal): -95.23972 Total Berthing Space (feet): 900 Remarks: Grain elevator in rear has 56 concrete and 6 steel silos with total capacity for 6,300,000 bushels. Harvest States Milling operates a flour mill at rear. □ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 351

Port: Houston Waterway: Houston Ship Channel Mile: 46.9 PWD: 238 Name: Texas Petrochemicals Corp., Dock A Wharf. Right bank, Houston Ship Channel, upper side of Sims Bayou (Clinton Island) Location: Datum: MLT Turning Basin, Houston. Operator: Texas Petrochemicals Corp. Owner: Port of Houston Authority. Address: 9901 Lawndale Avenue Phone: 713-475-6080 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Receipt and shipment of petrochemicals. Latitude (decimal): Depth Alongside (feet): 38 29.717778 Total Berthing Space (feet): 700 Longitude (decimal): -95.24083 Remarks: Five 6-inch petrochemical pipelines and one 6-inch vapor recovery pipeline extend approximately 1.5 miles from wharf to storage tanks described under Dock B Wharf (Ref. No. 237). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 653 **Galveston District** Port: Houston Mile: 47.0 PWD: 158 Waterway: Houston Ship Channel Name: United States Gypsum Co. Houston Plant Wharf. Location: Left bank, Houston Ship Channel, opposite entrance to Sims Bayou, Galena Park. Datum: MLT Operator: United States Gypsum Co. United States Gypsum Co. Owner: Address: 1201 Mayo Shell Road Phone: 713-672-8261 ex Town: Galena Park State: TX County: Harris Railway Connection: Trackage serving plant in rear connects with Union Pacific Railroad. Purpose: Receipt of gypsum by barge. Depth Alongside (feet): Latitude (decimal): 29.720278 28 Longitude (decimal): -95.2425 Total Berthing Space (feet): 600 Remarks: Barges are unloaded by barge-mounted crane and conveyor system provided by shippers, serving

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 349 Galveston District

serving a 30-inch electric belt conveyor extending to wallboard plant in rear.

receiving hopper on wharf. Steel frame storage building with asbestos cement siding has capacity for 40,000 tons of gypsum. Bulldozers recover material to two ground-level hoppers in building, each

Port: Houston Waterway: Houston Ship Channel Mile: 47.1 PWD: 233 Name: Manchester Terminal Corp., Ship Channel Wharf. Right bank, Houston Ship Channel, above entrance to Sims Bayou, Houston. Location: Datum: MLT Operator: Manchester Terminal Corp. Manchester Terminal Corp. Owner: Address: 10000 Manchester Street Phone: 713-926-9631 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: One marginal surface track joins additional surface trackage in terminal and 4 platform-level tracks serving storage warehouses in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trades. Depth Alongside (feet): Latitude (decimal): 29.718889 34 Total Berthing Space (feet): 1,520 | Longitude (decimal): -95.24611 Remarks: Four storage warehouse buildings are located in rear (S.W. Ref. No. 25). Approximately 49 acres of open storage area available at terminal has capacity for 1,000 containers (TEU's), including 60 positions for refrigerated containers. Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 648 Galveston District Port: Houston PWD: 159 Waterway: Houston Ship Channel Mile: 47.4 Name: Arrow Terminals, Galena Park Dock. Left bank, Houston Ship Channel, approximately 0.2 mile above Sims Bayou (Clinton Datum: MLT Location: Island) Turning Basin, Operator: Arrow Terminal Co. Owner: Valero Energy Corp. Address: 920 Mayo Shell Road Phone: 713-673-6921 Town: Galena Park State: TX County: Harris Railway Connection: Two surface tracks at rear of property connect with tracks of Union Pacific Railroad. Purpose: Receipt and shipment of dry bulk materials, including crushed stone and ferroalloys, by barge. Latitude (decimal): Depth Alongside (feet): 29.721111 12 Total Berthing Space (feet): 300 Longitude (decimal): -95.24722 Remarks: Rail tracks are in adjacent Redland Stone Products yard (Ref. No. 162). Approximately 5 acres of open storage area at rear has capacity for 50,000 tons of crushed stone. Transit shed is used for storing packaged materials. Corps of Engnrs Waterway Code: 60370 Galveston District Year of Last Survey: 1999 Dock Code: 352

Port: Houston Waterway: Houston Ship Channel Mile: 47.4 PWD: 232 Name: Basis Petroleum, Traweek Dock Wharf Right bank, Houston Ship Channel, approximately 0.4 mile above entrance to Sims Location: Datum: MLT Bayou, Houston. Operator: Valero Energy Corp. d.b.a. Basis Petroleum Inc. Owner: Valero Energy Corp. Address: 9701 Manchester Street Phone: 713-923-3420 State: TX Town: Houston County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Receipt of crude oil; receipt and shipment of petroleum products and methanol. Latitude (decimal): Depth Alongside (feet): 34 29 720556 Total Berthing Space (feet): 600 Longitude (decimal): -95.24917 Remarks: Two 18-, one 14-, two 10-, three 8-, four 6-, and two 4-inch pipelines extend from wharf to the 4 crude oil, 5 partially-refined petroleum product, 6 petroleum product, and 2 methanol storage tanks described under Barge Dock No. 4 (Ref. No. 231). One 2-inch vapor recovery pipeline extends from wharf to flare tower at rear. Refinery has pipeline connections with Houston Fuel Oil Terminal Co., Inc. (Ref. No. 88), Oiltanking Houston, Inc. (Ref. No. 99), and GATX Terminals Corp., Galena Park and Pasadena Terminals (Ref. Nos. 151 and 248, respectively). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 645 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 47.5 PWD: 160 Name: Basis Petroleum, Barge Dock No. 2 Wharf Left bank, Houston Ship Channel, outer portion of lower side of slip 0.3 mile above Location: Datum: MLT Sims Bayou (Clinton Operator: Valero Energy Corp., d.b.a. Basis Petroleum Owner: Valero Energy Corp. Address: Mayo Shell Road Phone: 713-923-3420 Galena Park State: TX Town: County: Harris Railway Connection: None. Purpose: Receipt and shipment of petroleum products by barge. Depth Alongside (feet): 20 Latitude (decimal): 29.7225 Longitude (decimal): -95.24778 Total Berthing Space (feet): 600 Remarks: Three 16-inch petroleum product pipelines extend from wharf, two to 6 petroleum product storage tanks and one to 4 crude oil and 5 partially-refined petroleum product storage tanks described under Barge Dock No. 4 (Ref. No. 231) at operator's refinery on opposite side of ship channel. At time of survey (1997), crude oil was not being handled at this wharf. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 354

Port: Houston Waterway: Houston Ship Channel Mile: 47.5 PWD: 231 Name: Basis Petroleum, Barge Dock No. 4. Wharf Right bank, Houston Ship Channel, approximately 0.5 mile above entrance to Sims Location: Datum: MLT Bayou, Houston. Operator: Valero Energy Corp. d.b.a. Basis Petroleum Inc. Owner: Valero Energy Corp. Address: 9701 Manchester Street Phone: 713-923-3420 Town: Houston State: TX County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of liquefied petroleum gas, asphalt, petroleum products, methanol, and sulfuric Latitude (decimal): Depth Alongside (feet): 29.721389 20 Total Berthing Space (feet): 250 Longitude (decimal): -95.25028 Τ Remarks: One 10-, one 8-, six 6-, one 4-, and one 3-inch pipelines extend from wharf to 4 crude oil storage tanks, total capacity 860,000 barrels; 5 partially-refined, petroleum product tanks, total capacity 725,000 barrels, 6 petroleum product tanks, total capacity 600,000 barrels, and 2 methanol storage tanks, total capacity 420,000 gallons; one 10-inch asphalt pipeline extends to 2 storage tanks, total capacity 50,000 barrels; one 8-inch sulfuric acid and one 8-inchacid vapor pipelines extend to 3 storage tanks. total capacity 840,000 gallons; and one 4-inch liquefied petroleum gas pipeline extends to 5 storage tanks, total capacity 40,000 barrels; all located at plant and refinery in rear. Attime of survey (1997), crude oil was not being handled at this wharf. One 2-inch vapor recovery pipeline extends from wharf to a flare tower at rear. Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 645 Galveston District Port: Houston Mile: 47.5 PWD: 161 Waterway: Houston Ship Channel Name: Basis Petroleum, Ship Dock No. 1 Wharf Left bank, Houston Ship Channel, middle portion of lower side of slip 0.3 mile above Location: Datum: MLT Sims Bayou (Clinton Valero Energy Corp., d.b.a. Basis Petroleum Operator: Owner: Valero Energy Corp. Address: Mayo Shell Road Phone: 713-923-3420 Town: Galena Park State: TX County: Harris Railway Connection: None. Purpose: Receipt of crude oil; receipt and shipment of petroleum products; mooring barges. Depth Alongside (feet): 42 Latitude (decimal): 29.723333 Total Berthing Space (feet): 750 Longitude (decimal): -95.24806 Remarks: One 24-inch pipeline extends from wharf to 4 crude oil and 5 partially-refined petroleum product storage tanks, and one 16-inch pipeline extends from wharf to 6 petroleum product storage tanks, all described under Barge Dock No. 4 (Ref. No. 231) at operator's refinery on opposite side of ship channel. Corps of Engnrs Waterway Code: 60370 Dock Code: 354

Year of Last Survey: 1999

Port: Houston Waterway: Houston Ship Channel Mile: 47.6 PWD: 163 Name: Holnam, Clinton Wharf. Left bank, Houston Ship Channel, inner end of slip 0.3 mile above Sims Bayou Location: Datum: MLT (Clinton Island) Turning Ba Operator: Holnam Inc. Owner: Holnam Inc. Address: Off 9600 block Clinton Drive Phone: 713-672-4316 State: TX Town: Houston County: Harris Railway Connection: One surface track serving rail pit in rear joins three surface tracks in plant; connect with Union Pacific Railroad. Purpose: Receipt of bulk cement by barge. Latitude (decimal): Depth Alongside (feet): 22 29.725833 Total Berthing Space (feet): 700 Longitude (decimal): -95.24889 Τ Remarks: Pneumatic unloading system mounted on barge is available as required. Cement storage facilities at plant in rear include 21 storage silos and 10 interstices, total capacity 48,000 tons. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 357 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 47.6 PWD: 164 Name: North Texas Cement Co., Clinton Wharf. Left bank, Houston Ship Channel, upper side of slip 0.3 mile above Sims Bayou Location: Datum: MLT (Clinton Island) Turning B North Texas Cement Co. Operator: Owner: North Texas Cement Co. 9550 Clinton Drive Address: Phone: 713-674-4100 Town: Houston State: TX County: Harris Railway Connection: One surface track serving pneumatic rail-loading system at rear connects with Union Pacific Railroad. Purpose: Receipt of bulk cement. Occasional mooring of vessels and barges Latitude (decimal): 29.724444 Depth Alongside (feet): 42 Longitude (decimal): -95.25 Total Berthing Space (feet): 650 Remarks: *Remains of a timber pile, concrete-wall supported, concrete-decked wharf, fronting deteriorated, part timber, part concrete retaining walls, extend beneath and to either side of the offshore wharf. Two concrete storage domes at rear, capacity 77,100 tons, serve pneumatic pipelines to one 500-ton railloading hopper and one 500-ton, truckloading hopper. One 14-inch compressed air pipeline serves wharf. Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 356

Port: Houston Waterway: Houston Ship Channel Mile: 47.6 PWD: 162 Name: Redland Stone Products, Galena Park Yard Wharf. Left bank, Houston Ship Channel, inner portion of lower side of slip 0.3 mile above Location: Datum: MLT Sims Bayou (Clinton Operator: Redland Stone Products Owner: Valero Energy Corp. Address: 922 Mayo Shell Road Phone: 713-672-1149 State: TX Town: Galena Park County: Harris Railway Connection: Two surface tracks serving rail pits in rear join one surface track in yard; connect with Union Pacific Railroad. Purpose: Shipment of crushed stone by barge. Latitude (decimal): Depth Alongside (feet): 29.724722 11 Total Berthing Space (feet): 120 Longitude (decimal): -95.24806 Ι Remarks: Belt conveyor system serves one radial stacker in yard. Open storage area at rear of wharf has capacity for 1,500 tons of stone. Additional open storage is available at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 355 Port: Houston PWD: 165 Waterway: Houston Ship Channel Mile: 48.0 Name: U.S. Coast Guard, Houston Ship Channel Wharf. Left bank, Houston Ship Channel, approximately 0.6 mile below East Loop Freeway Location: Datum: MLT (Interstate Highway 610) U. S. Coast Guard. Operator: Owner: United States Government. Address: 9640 Clinton Drive Phone: 713-671-5111 Town: Houston State: TX County: Harris Railway Connection: None. Purpose: Mooring and fueling U.S. Coast Guard vessels. Depth Alongside (feet): 4-5 | 4-5 | 4-5 Latitude (decimal): 29.728333 Total Berthing Space (feet): 55 55 55 Longitude (decimal): -95.2575 1 Remarks: Finger piers form seven 18- by 55-foot slips, six at the mooring piers, covered by a concrete-framed, concrete-roofed shed, and one serving the boat lift, below the shed. Fuel pipeline extends to upper pier from one 1,000-gallon storage tank. Service building is located at rear of shed. Captain of the

Port office and Port Safety Station are located in building at rear.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 365

Galveston District

Port: Houston

Waterway: Houston Ship Channel Mile: 48.1 PWD: 166

Name: Port of Houston, Texas Mooring Slips.

Location: Left bank, Houston Ship Channel, approximately 0.4 mile below East Loop Freeway Datum: MLT

(Interstate Highway 610)

Operator: Texas Mooring Inc.
Owner: Port of Houston Authority.

Address: Clinton Drive Phone: 281-333-3723

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Mooring and repairing company-owned service vessels.

Depth Alongside (feet): 6 - 10 | 6 - 10 | 6 - 10 Latitude (decimal): 29.728056

Total Berthing Space (feet): 65 | 65 Longitude (decimal): -95.25889

Remarks: Slips are used for mooring line-handling boats. $\square\,\square$

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 367

Port: Houston

Waterway: Houston Ship Channel Mile: 48.4 PWD: 230

Name: Port of Houston, Manchester Wharf No. 3.

Location: Right bank, Houston Ship Channel, approximately 900 feet below East Loop Datum: MLT

Freeway (Interstate Highway 610

Operator: Port of Houston Authority; Westway Trading Corp.; Valero Energy Corp. d.b.a. Basis Petro

Owner: Port of Houston Authority.

Address: 9300 East Avenue S Phone: 713-924-5171
Town: Houston State: TX County: Harris

Railway Connection: Port Terminal Railroad: Three surface tracks in rear serve 2 loading racks at terminals. Purpose: Terminals, L.P. Receipt and shipment of solvents, chemicals, petrochemicals, caustic soda and molasses.

Depth Alongside (feet): 32 | | Latitude (decimal): 29.725556

Total Berthing Space (feet): 750 | Longitude (decimal): -95.26306

Remarks: Face of wharf is in line with, and berthing distance includes a portion of, adjacent Wharf No. 2 (Ref. No. 229). At time of survey (1997) plans called for deepening berth to 36 feet MLT. Westway Trading Corp: One 10- becoming 14- and one 10- becoming 12-inch pipelines extend to 17 molasses storage tanks, total capacity 19,000,000 gallons; one 8-inch pipeline extends to one 2,700,000-gallon, chemical storage tank; and one 6-inch pipeline extends to 4caustic soda storage tanks, total capacity 3,100,000 gallons; all located in Westway Terminal Co., Inc. terminal at rear. Basis Petroleum, Inc.: Thirteen 8-, and two 6-inch pipelines extend from hose rack on platform to 76 solventand petrochemical storage tanks located at plant below wharf (Ref. No. 231), total capacity 35,737,800 gallons. One 8-inch vapor recovery line extends to flare tower in plant. At time of survey South Coast Terminals L.P. planned toconstruct three 6-inch petrochemical pipelines extending from wharf to storage tanks described

under Wharf No. 2.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 633 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 48.4 PWD: 167 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 32. Left bank, Houston Ship Channel, adjacent to lower side of East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Br Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road and Clinton Drive Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: One surface track on apron joins additional terminal trackage in Purpose: Receipt and shipment of conventional and containerized general cargo, including steel, of roll-on rolloff cargo, miscellaneous dry bulk commodities, and project cargo in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): Longitude (decimal): -95.26472 Total Berthing Space (feet): 800 Remarks: Approximately 19 acres of open storage area is located at rear. At time of survey (1998), approximately 8 acres of open storage area located at 9640A Clinton Drive, in Port Houston Industrial Park-East at rear, was operated for storing up to 2,000 stacked containers (TEU's), including 24 positions for refrigerated containers. Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 374 Port: Houston Waterway: Houston Ship Channel Mile: 48.5 PWD: 229 Name: Port of Houston, Manchester Wharf No. 2. Right bank, Houston Ship Channel, approximately 300 feet below East Loop Location: Datum: MLT Freeway (Interstate Highway 610 Operator: Port of Houston Authority, ELCO International Inc., South Coast Terminals L.P., and W Owner: Port of Houston Authority. Address: 9100 Becker Street Phone: 713-928-2841 State: TX Town: Houston County: Harris Port Terminal Railroad: One platform-level track along rear of transit shed joins two Railway Connection: surface tracks serving receiving pits and loading spouts, and three platform-level tracks, at grain elevator. Purpose: Shipment of bulk and bagged rice; receipt of natural latex and petrochemicals; receipt and shipment of molasses, caustic soda, and chemicals. Latitude (decimal): Depth Alongside (feet): 32 29.725 Longitude (decimal): -95.26417 Total Berthing Space (feet): 750 Remarks: Face of wharf is in line with, and berthing distance includes a portion of, adjacent Wharf No. 3 (Ref. No. 230). At time of survey (1997) plans called for deepening berth to 36 feet MLT. ELCO International Inc.: Grain elevator is located 600 feet in rear, having 52 storage silos and 49 storage bins, total capacity 2,666,600 bushels (60,000 tons of rice). Westway Trading Corp.: One 10- becoming 12-inch and one 10-inch molasses pipelines and one 8- and one6-inch caustic soda and chemical pipelines extend from wharf to storage tanks described under Wharf No. 3. South Coast Terminals L.P.: Two 6inch petrochemical and one 6-inch natural latex pipelines extend from wharf to 62storage tanks, total capacity 6,490,890 gallons.

Year of Last Survey: 1999

Dock Code: 631

Galveston District

Corps of Engnrs Waterway Code: 60370

Port: Houston Waterway: Houston Ship Channel Mile: 48.7 PWD: 228 Name: Newpark Shipbuilding and Repair, Barge Mooring. Right bank, Houston Ship Channel, above East Loop Freeway (Interstate Highway Location: Datum: MLT 610) Bridge, Houston Operator: Newpark Shipbuilding and Repair, Inc., subsidiary of First Wave Marine, Inc. Owner: **Texas Port Properties** Address: Manchester Street Phone: 713-928-5051 State: TX Town: Houston County: Harris Railway Connection: Trackage in rear connects with Port Terminal Railroad. Purpose: Mooring barges. 10 - 12 | Depth Alongside (feet): Latitude (decimal): 29.724167 Total Berthing Space (feet): 650 Longitude (decimal): -95.26722 Remarks: Operator uses mooring for barges awaiting berth at its shipyard upstream on Brady Island (Ref. Nos. 218 through 222). Approximately 23 acres of open storage area are located at rear. Property was for sale at time of survey (1998). Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 629 Galveston District Port: Houston PWD: 168 Waterway: Houston Ship Channel Mile: 48.7 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 31 Left bank, Houston Ship Channel, adjacent to upper side of East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Br Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road and Clinton Drive Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, automobiles, steel, project cargo, and, occasionally, dry bulk commodities, in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): 29.725556 Longitude (decimal): -95.26778 Total Berthing Space (feet): 600 Remarks: Transit Sheds Nos. 31 and 30 (Ref. No. 169) are two sections of one building, and open to each other. Shed No. 31 has one 6-truck capacity platform at lower side and a 505-foot platform at rear. Open storage area at rear is described under Public Wharf No. 29 (Ref. No. 170). Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 376

Port: Houston Waterway: Houston Ship Channel Mile: 48.8 PWD: 169 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 30 Left bank, Houston Ship Channel, approximately 700 feet above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road and Clinton Drive Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, automobiles, steel, project cargo, and, occasionally, dry bulk commodities, in foreign and domestic trade. Depth Alongside (feet): Latitude (decimal): 29.725556 38 Total Berthing Space (feet): 600 Longitude (decimal): -95.26944 Remarks: Transit Sheds Nos. 30 and 31 (Ref. No. 168) are two sections of one building, and open to each other. Shed No. 30 has one 6-truck capacity platform at upper side and a 535-foot platform at rear. Open storage area at rear is described under Public Wharf No. 29 (Ref. No. 170). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 48.9 PWD: 219 Name: Newpark Shipbuilding and Repair, Ship Channel Dock Wharf. Right bank, Houston Ship Channel, above lower junction with Harrisburg Bend, on Location: Datum: MLT Brady Island, Houston. Operator: Newpark Shipbuilding and Repair, Inc., subsidiary of First Wave Marine, Inc. Owner: First Wave Marine, Inc. Address: 8502 Cypress Street Phone: 713-928-5051 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring vessels and barges for repair; mooring floating drydocks. Depth Alongside (feet): 17 - 19 I Latitude (decimal): 29.724167 Longitude (decimal): -95.27194 Total Berthing Space (feet): 130 Remarks: One 3,000-, one 1,300- and one 1,000-long ton floating drydocks, 'Nos. 3', '1',' and '2', respectively, moor at wharf. One marine transfer railway, used with 'Drydock No. 3' for launching newly constructed vessels, extends to face from one 200- by 75-foot, steel frame, metal-covered fabrication building at rear. Marine repair plant is located in rear.

Year of Last Survey: 1999

Dock Code: 618

Galveston District

Corps of Engnrs Waterway Code: 60370

Port: Houston Waterway: Houston Ship Channel Mile: 49.0 PWD: 218 Name: Newpark Shipbuilding and Repair, North Building Ways Slip. Right bank, Houston Ship Channel, 600 feet above lower junction with Harrisburg Location: Datum: MLT Bend, on lower side of s Operator: Newpark Shipbuilding and Repair, Inc., subsidiary of First Wave Marine, Inc. Owner: First Wave Marine, Inc. Address: 8502 Cypress Street Phone: 713-928-5051 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring vessels and barges for repair, construction, outfitting, and conversion. Depth Alongside (feet): 8 - 15 Latitude (decimal): 29.724167 Total Berthing Space (feet): 300 Longitude (decimal): -95.27333 Remarks: Slip is approximately 180 to 200 feet wide. One 1,200-ton marine railway is located at inner end of slip. Welding connections are available at wharf. Marine repair plant is located in rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Dock Code: 618 Port: Houston Mile: 49.0 PWD: 170 Waterway: Houston Ship Channel Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 29. Location: Left bank, Houston Ship Channel, approximately 1,220 feet above East Loop Datum: MLT Freeway (Interstate Highway 61 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road and Clinton Drive. Phone: 713-670-2435 Town: Houston State: TX County: Harris Port Terminal Railroad: Three surface tracks on apron join additional terminal trackage in Railway Connection: Purpose: Receipt and shipment of conventional and containerized general cargo and roll-on roll-off cargo, including automobiles, in foreign and domestic trade. 38 Latitude (decimal): 29.726389 Depth Alongside (feet): Longitude (decimal): -95.27139 Total Berthing Space (feet): 600 Ι Ι Remarks: Approximately 3 acres of open storage area is located on apron. At time of survey (1998) 5.5 acres of open storage area located at rear of Public Wharves Nos. 29 and 30 (Ref. No. 169) was operated for storing up to 1,200 stacked, loaded containers (TEU's), and 10.6 acres in rear of that storage area

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

were operated for storing automobiles.

Dock Code: 379

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 49.1 PWD: 217 Name: Houston Ship Repair, Brady Island Wharf. Right bank, Houston Ship Channel, 600 feet below upper junction with Harrisburg Location: Datum: MLT Bend, on Brady Island, H Operator: Houston Ship Repair, Inc., division of Diversified Group Inc. Owner: Diversified Group Inc. Address: 8510 Cypress Street Phone: 281-452-5841 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring vessels for repair. Depth Alongside (feet): 25 Latitude (decimal): 29.725 Total Berthing Space (feet): 750 Longitude (decimal): -95.27417 Remarks: Metal-covered storage building located in rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 615 Galveston District Port: Houston Mile: 49.1 PWD: 171 Waterway: Houston Ship Channel Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 28 Left bank, Houston Ship Channel, approximately 1,820 feet above East Loop Datum: MLT Location: Freeway (Interstate Highway 61 Port of Houston Authority. Operator: Port of Houston Authority. Owner: Address: Port Road. Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo and roll-on roll-off cargo, including automobiles, in foreign and domestic trade. 38 Latitude (decimal): Depth Alongside (feet): 29.727222 Total Berthing Space (feet): 600 Longitude (decimal): -95.27278

Remarks: Transit Sheds Nos. 28 and 27 (Ref. No. 172) are two sections of one building, and open to each other. Shed No. 28 has one 6-truck capacity platform at lower side and a 535-foot platform at rear.

Corps of Engnrs Waterway Code: 60370 Dock Code: 382

Galveston District

Year of Last Survey: 1999

Port: Houston Waterway: Houston Ship Channel Mile: 49.2 PWD: 172 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 27 Left bank, Houston Ship Channel, approximately 0.5 mile above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo and roll-on roll-off cargo, including automobiles, in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): 29.728333 Longitude (decimal): -95.27389 Total Berthing Space (feet): 600 Remarks: Transit Sheds Nos. 27 and 28 (Ref. No. 171) are two sections of one building, and open to each other. Shed No. 27 has one 6-truck capacity platform at upper side and a 511-foot platform at rear. Port of Houston terminal office is located in rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 381 Port: Houston Waterway: Houston Ship Channel Mile: 49.3 PWD: 173 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 26. Left bank. Houston Ship Channel, approximately 0.6 mile above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Operator: Port of Houston Authority. Owner: Port of Houston Authority. Phone: 713-670-2435 Address: Port Road. State: TX Town: Houston County: Harris Port Terminal Railroad: Three surface tracks on apron join additional terminal trackage in Railway Connection: Purpose: Receipt and shipment of conventional and containerized general cargo and roll-on roll-off cargo, including automobiles, in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 38 29.73 Total Berthing Space (feet): 600 Longitude (decimal): -95.27528 Remarks: Approximately 3.9 acres of open storage area is located on apron. At time of survey (1998) approximately 6 acres of open storage area located at 8210 Clinton Drive, in Port Houston Industrial Park-West at rear, was operated for storing up to 1,000 stacked containers (TEU's), including 12 positions for refrigerated containers. Approximately 70 acres in rear of container storage area was operated for storing automobiles. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 383 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 49.5 PWD: 174 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 25 Left bank, Houston Ship Channel, approximately 0.7 mile above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, and miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): Longitude (decimal): -95.27528 Total Berthing Space (feet): 600 Remarks: Transit Sheds Nos. 25 and 24 (Ref. No. 175) are two sections of one building, and open to each other. Shed No. 25 has one 6-truck capacity platform at lower side and a 540-foot platform at rear. Approximately 2.1 acres of open storage area and Warehouse Building 25-A (S.W. Ref. No. 27) are located at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 385 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 49.5 PWD: 211 Name: Texas Stevedores, New Terminal Wharf, Berths Nos. 1 and 2. Right bank, Houston Ship Channel, approximately 0.3 mile above mouth of Brays Location: Datum: MLT Bayou, Houston. Operator: Texas Stevedores Inc. Owner: Dekaizer Inc. Address: 1 Wharf Street Phone: 713-921-2021 State: TX Town: Houston County: Harris One 5-car capacity, platform-level track along rear of transit shed and 3 surface tracks at Railway Connection: rear join terminal trackage serving two warehouses; connect with Union Pacific Railroad. Purpose: Shipment of conventional and containerized general cargo, miscellaneous dry bulk commodities, and, occasionally, roll-on roll-off cargo in foreign and domestic trade. Depth Alongside (feet): 32 Latitude (decimal): 29.732222 Total Berthing Space (feet): Longitude (decimal): -95.27778 830 Remarks: At time of survey (1998) face of wharf was in deteriorated condition, and plans called for sections of wharf to be rebuilt. Transit shed has one 5-truck capacity platform at rear. Two public storage warehouses are located in terminal, above and below wharf (S.W. Ref. Nos. 36 and 35, respectively). Corps of Engnrs Waterway Code: 60370 Dock Code: 601 Year of Last Survey: 1999 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 49.6 PWD: 175 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 24 Left bank, Houston Ship Channel, approximately 0.8 mile above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, and miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): Longitude (decimal): -95.27583 Total Berthing Space (feet): 600 Remarks: Transit Sheds Nos. 24 and 25 (Ref. No. 174) are two sections of one building, and open to each other. Shed No. 24 has one 6-truck capacity platform at upper side and a 522-foot platform at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 386 Port: Houston Waterway: Houston Ship Channel Mile: 49.7 PWD: 176 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 23. Left bank, Houston Ship Channel, approximately 0.9 mile above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Port of Houston Authority. Operator: Owner: Port of Houston Authority. Port Road. Address: Phone: 713-670-2435 Town: Houston State: TX County: Harris Port Terminal Railroad: Three surface tracks on apron join additional terminal trackage in Railway Connection: Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, and miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): 29.734722 Longitude (decimal): -95.27667 Total Berthing Space (feet): 600 Τ Remarks: Approximately 4.2 acres of concrete-paved open storage area is located on apron. □ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 387 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 49.8 PWD: 177 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 22 Left bank, Houston Ship Channel, approximately 1.0 mile above East Loop Freeway Location: Datum: MLT (Interstate Highway 610) Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron, and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, and miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): Longitude (decimal): -95.27722 Total Berthing Space (feet): 600 Remarks: Maximum combined weight of crane and lift permitted on wharf is 150 tons. Transit Sheds Nos. 22 and 21 (Ref. No. 178) are two sections of one building, and open to each other. Shed No. 22 has one 6truck capacity platform at lower side and a 540-foot platform at rear. Approximately 1.6 acres of open storage area is located at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 389 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 49.8 PWD: 210 Name: Port of Houston, Turning Basin Terminal, Public Wharves Nos. 41 th Right bank, Houston Ship Channel, approximately 0.5 mile below entrance to Location: Datum: MLT Houston Turning Basin, Housto Operator: Port of Houston Authority and U.S. Maritime Administration. Owner: Port of Houston Authority. Address: 76th Street and Avenue P. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring government-owned vessels Depth Alongside (feet): 31 Latitude (decimal): 29.741667 Longitude (decimal): -95.28278 Total Berthing Space (feet): 3,426 | Remarks: Maximum combined weight of crane and lift permitted on wharf is 140 tons. At time of survey (1998) Houston Ship Repair, Inc. provided electric power. Approximately 1.7 acres of open storage area is available at rear. Sheds Nos. 41 through 48, a 3,353-foot long row of unused, deteriorated buildings, are located in rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 595 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 49.9 PWD: 178 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 21 Left bank, Houston Ship Channel, approximately 1.1 miles above East Loop Freeway Location: Datum: MLT (Interstate Highway 610 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron, and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, and miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): Longitude (decimal): -95.27806 Total Berthing Space (feet): 600 Remarks: Maximum combined weight of crane and lift permitted on wharf is 150 tons. Transit Sheds Nos. 21 and 22 (Ref. No. 177) are two sections of one building, and open to each other. Shed No. 21 has one 6truck capacity platform at upper side and a 540-foot platform at rear. Approximately 1.6 acres of open storage area and Warehouse Building 21-A (S.W. Ref. No. 28) are located at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Port: Houston Waterway: Houston Ship Channel Mile: 50.0 PWD: 179 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 20 Left bank, Houston Ship Channel, approximately 1.3 miles above East Loop Freeway Datum: MLT Location: (Interstate Highway 610 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Phone: 713-670-2435 Port Road. State: TX Town: Houston County: Harris Port Terminal Railroad: Three surface tracks on apron join additional terminal trackage in Railway Connection: Purpose: Receipt and shipment of conventional and containerized general cargo, roll-on roll-off cargo, and miscellaneous dry bulk commodities in foreign and domestic trade. Depth Alongside (feet): 38 Latitude (decimal): 29.739167 593 Total Berthing Space (feet): Longitude (decimal): -95.27917 Remarks: Approximately 3.6 acres of open storage area is located on apron. At time of survey (1998) two open storage areas located in Port Houston Industrial Park-West at rear were operated for storing stacked containers, comprising 11 acres storing up to 3,000 containers (TEU's), and 10 acres storing up to 1,800 empty containers (TEU's), including 5 positions for refrigerated containers. An additional 6 acres were operated for storing empty chassis. Corps of Engnrs Waterway Code: 60370 Dock Code: 391 Year of Last Survey: 1999 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 50.1 PWD: 180 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 19 Left bank, Houston Ship Channel, approximately 1.4 miles above East Loop Freeway Location: Datum: MLT (Interstate Highway 610 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade. Latitude (decimal): 29.740556 Depth Alongside (feet): 38 Total Berthing Space (feet): 577 Longitude (decimal): -95.28 Т Remarks: Transit Sheds Nos. 19 and 18 (Ref. No. 181) are two sections of one building, and open to each other. Shed No. 19 has one 6-truck capacity platform at lower side and a 500-foot platform at rear. Approximately 2 1/2 acres of open storage area are located around shed. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 50.2 PWD: 181 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 18 Left bank, Houston Ship Channel, approximately 1.5 miles above East Loop Freeway Location: (Interstate Highway 610 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 Town: Houston State: TX County: Harris Port Terminal Railroad: Three surface tracks on apron and 2 platform-level tracks along Railway Connection: rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 38 29.741389 Total Berthing Space (feet): 600 Longitude (decimal): -95.28083 Remarks: Transit Sheds Nos. 18 and 19 (Ref. No. 180) are two sections of one building, and open to each other. Shed No. 18 has one 6-truck capacity platform at upper side and a 482-foot platform at rear. Approximately 2 1/2 acres of open storage area are located around shed. At time of survey (1998) approximately 13 acres of open storage area located at 8360 Clinton Drive, in Port Houston Industrial Park-West at rear, was operated for storing up to 500 loaded and 500empty, stacked containers (TEU's), including 10 positions for refrigerated containers. Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 392

Port: Houston Waterway: Houston Ship Channel Mile: 50.3 PWD: 182 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 17. Left bank, Houston Ship Channel, approximately 1.6 miles above East Loop Freeway Location: Datum: MLT (Interstate Highway 610 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Two surface tracks on apron and 2 surface tracks at rear of apron join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 38 29.742778 Total Berthing Space (feet): 600 Longitude (decimal): -95.28194 Т Remarks: Approximately 2.6 acres of concrete-paved, open storage area is located on apron. □ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Galveston District Dock Code: 395 Port: Houston Waterway: Houston Ship Channel Mile: 50.4 PWD: 209 Name: PM Ag Products, Houston Wharf. Location: Right bank, Houston Ship Channel, approximately 0.4 mile below entrance to Datum: MLT Houston Turning Basin, Housto Operator: PM Ag Products Inc. Owner: PM Ag Products Inc. 7600 J. W. Peavy Street Address: Phone: 713-923-2736 Town: Houston State: TX County: Harris Three surface tracks serving plant in rear, total capacity 17 cars, connect with Port Railway Connection: Terminal Railroad. Purpose: Receipt of liquid fertilizer, caustic soda, and molasses; receipt and shipment of vegetable oils. Latitude (decimal): Depth Alongside (feet): 28 29.743056 Total Berthing Space (feet): 600 Longitude (decimal): -95.28389 Remarks: Two 12-inch molasses, one 8-inch fertilizer, one 8-inch vegetable oil, one 6-inch, stainless steel, vegetable oil, and one 6-inch caustic pipelines extend from wharf to 35 steel storage tanks located in rear, total capacity 25,053,000 gallons. Wharf is served by one 2-inch compressed air line for cleaning out barges, and one 6-inch steam line for barge heating. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 592 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 50.5 PWD: 183 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 16. Left bank, Houston Ship Channel, approximately 1.7 miles above East Loop Freeway Location: Datum: MLT (Interstate Highway 610 Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Two surface tracks on apron and 2 surface tracks at rear of apron join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 38 29.744167 Total Berthing Space (feet): 554 Longitude (decimal): -95.28333 1 Remarks: At time of survey (1998) transit shed at adjacent Public Wharf No. 15 (Ref. No. 184) was used for storing cargo handled at Public Wharf No. 16. Approximately 2.8 acres of concrete-paved, open storage area is located on apron. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 396 **Galveston District** Port: Houston Waterway: Houston Ship Channel Mile: 50.6 PWD: 208 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 1 - East Right bank, Houston Ship Channel, approximately 1,200 feet below entrance to Location: Datum: MLT Houston Turning Basin, Hous Operator: Port of Houston Authority, PM Ag Products Inc. and Jacob Stern & Sons Inc. Owner: Port of Houston Authority. Address: J. W. Peavy Street Phone: 713-923-2736 Town: Houston State: TX County: Harris Port Terminal Railroad: one surface track in rear, serving liquid bulk terminal; joins Railway Connection: additional terminal trackage at rear. Purpose: Receipt of molasses and liquid fertilizer; shipment of tallow and vegetable oils. Depth Alongside (feet): 34 Latitude (decimal): 29 745 Total Berthing Space (feet): 750 Longitude (decimal): -95.28556 Remarks: Breasting dolphins are in line with face of Public Wharf No. 1 - West (Ref. No. 207) and extend 219 feet from its lower end, providing a total of 820 feet of breasting distance at the combined wharves. Berthing distance includes a portion of Public Wharf No. 1 - West. One 12-inch molasses, one 8-inch fertilizer, and one 6-inch, stainless steel, vegetable oil pipelines extend from wharf to storage tanks described under PM Ag Products Inc., Houston Wharf(Ref. No. 209). One 6-inch tallow and vegetable oil pipeline extends to wharf from Jacob Stern & Sons Inc. tanks at rear, described under Public Wharf No. 1 - West. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 588 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 50.6 PWD: 184 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 15. Left bank, Houston Ship Channel, approximately 880 feet below entrance to Houston Datum: MLT Location: Turning Basin, Houston Operator: Port of Houston Authority and U.S. Maritime Administration. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring government-owned vessels. Latitude (decimal): Depth Alongside (feet): 34 29.745556 Total Berthing Space (feet): 526 Longitude (decimal): -95.28444 Remarks: Wharf formerly was used for receipt and shipment of conventional and containerized general cargo. Face of wharf is in line and contiguous with face of adjacent Public Wharf No. 14 (Ref. No. 185). Maximum combined weight of crane and lift permitted on wharf is 140 tons. At time of survey (1998) transit shed was used for storing cargo handled at adjacent Public Wharf No. 16 (Ref. No. 183). Shed has one 5-truck capacity platform at upper side. Planscalled for removing a grain gallery, with 8 vesselloading spouts, extending full length of wharf from adjacent Public Wharf No. 14. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 397 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 50.7 PWD: 207 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 1 - West Right bank, Houston Ship Channel, approximately 520 feet below entrance to Location: Datum: MLT Houston Turning Basin, Housto Operator: Port of Houston Authority and Jacob Stern & Sons Inc. Owner: Port of Houston Authority. Address: 75th Street Phone: 713-926-8386 State: TX Town: Houston County: Harris Port Terminal Railroad: one surface track at rear of shed, serving liquid bulk terminal at Railway Connection: rear; joins additional terminal trackage at rear. Purpose: Receipt and shipment of tallow. Latitude (decimal): Depth Alongside (feet): 34 29.746111 Total Berthing Space (feet): 601 Longitude (decimal): -95.28583 Remarks: *Face of wharf is in line and contiguous with face of adjacent Public Wharf No. 2 (Ref. No. 206). ☐Wharf was in deteriorated condition at time of survey (1997). One 6-inch pipeline extends to wharf from 38 steel storage tanks in Jacob Stern & Sons Inc. terminal at rear, total capacity 15,700,000 gallons. One 8-inch pipeline, unused at time of survey (1997), extends to wharf from tanks described under PMAg Products Inc., Houston Wharf (Ref. No. 209). Shed No. 1, an unused, deteriorated, 425by 100-foot building, is located in rear.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 588

Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 50.7 PWD: 185 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 14. Left bank, Houston Ship Channel, approximately 400 feet below entrance to Houston Datum: MLT Location: Turning Basin, Houston Operator: Port of Houston Authority and U.S. Maritime Administration. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Mooring government-owned vessels. Latitude (decimal): Depth Alongside (feet): 34 29 746944 Total Berthing Space (feet): 480 Longitude (decimal): -95.28528 Remarks: Wharf formerly was used for receipt and shipment of conventional and containerized general cargo and for shipment of grain. Face of wharf is in line and contiguous with faces of adjacent Public Wharves Nos. 15 and 13 (Ref. Nos. 184 and 186, respectively). Maximum combined weight of crane and lift permitted on wharf is 140 tons. At time of survey (1998) plans called for removing a grain gallery, with 5 yessel-loading spouts, extending along fulllength of wharf, and an elevated approach gallery extending from Port of Houston Public Grain Elevator No. 1 in rear. The 4,580,000-bushel elevator was out of use, and tentative plans called for its removal in 2000. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 398 Galveston District Port: Houston Waterway: Houston Ship Channel Mile: 50.8 PWD: 206 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 2. Right bank, Houston Ship Channel, below entrance to Houston Turning Basin, Location: Datum: MLT Houston. Port of Houston Authority and Jacob Stern & Sons Inc. Operator: Owner: Port of Houston Authority. Address: Foot of 75th Street Phone: 713-926-8386 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: one surface track at rear of shed, serving liquid bulk terminal at rear; joins additional terminal trackage at rear. Purpose: Receipt and shipment of tallow Depth Alongside (feet): 33 Latitude (decimal): 29.747222 Total Berthing Space (feet): Longitude (decimal): -95.28667 521 Remarks: Face of wharf is in line and contiguous with face of adjacent Public Wharf No. 1 - West (Ref. No. 207). Maximum combined weight of crane and lift permitted on wharf is 140 tons. One 6-inch pipeline extends from wharf to Jacob Stern & Sons Inc. storage tanks in rear, described under Public Wharf No. 1 - West. Shed No. 2, an unused, deteriorated, 480- by 120-foot building, is located in rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 587 Galveston District

Port: Houston Waterway: Houston Ship Channel Mile: 50.8 PWD: 186 Name: Port of Houston, Turning Basin Terminal, Public Wharves Nos. 12 an Left bank, Houston Ship Channel, and northeast side, Houston Turning Basin, at Location: Datum: MLT their conjunction, Housto Operator: Port of Houston Authority and U.S. Maritime Administration. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: Two surface tracks at rear of apron at Public Wharf No. 12 join additional terminal trackage in rear. Purpose: Mooring government-owned vessels. Latitude (decimal): Depth Alongside (feet): 33 29.748611 Total Berthing Space (feet): 990 Longitude (decimal): -95.28611 Remarks: Wharf formerly was used for receipt and shipment of conventional and containerized general cargo. Face of wharf is in line and contiguous with faces of adjacent Public Wharves Nos. 14 and 11 (Ref. Nos. 185 and 187, respectively). Maximum combined weight of crane and lift permitted on Public Wharf No. 13 is 140 tons. Shed No. 13, a 63,600-square foot building of concrete construction located at the rear of lower portion of wharf, was underrepair at time of survey (1998). Plans called for it to be used for equipment storage. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 401 Galveston District Port: Houston Mile: 50.9 PWD: 187 Waterway: Houston Turning Basin Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 11. Left bank, Houston Turning Basin, on northeast side, approximately 550 feet above Location: Datum: MLT conjunction with Houst Port of Houston Authority. Operator: Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 Town: State: TX Houston County: Harris Port Terminal Railroad: Two platform-level tracks along rear of transit shed join additional Railway Connection: terminal trackage in rear. Purpose: Receipt and shipment of conventional general cargo, cotton, and project cargo in foreign and domestic trade. Latitude (decimal): Depth Alongside (feet): 29.75 33 Longitude (decimal): -95.28694 Total Berthing Space (feet): 530 Remarks: Face of wharf is in line and contiguous with face of adjacent Public Wharf No. 12 (Ref. No. 186). Maximum combined weight of crane and lift permitted on wharf is 140 tons. Shed has 482-foot, railand truck-loading platform at rear Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 402 Galveston District

Port: Houston

Waterway: Houston Turning Basin Mile: 50.9 PWD: 205

Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 3.

Location: Right bank, Houston Turning Basin, on south side, Houston. Datum: MLT

Operator: Port of Houston Authority.
Owner: Port of Houston Authority.

Address: Foot of 75th Street Phone: 713-670-2435

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Transient mooring of tugs, towboats, and vessels.

Depth Alongside (feet): 33 | | Latitude (decimal): 29.748333

Total Berthing Space (feet): 800 | Longitude (decimal): -95.28833

Remarks: Maximum combined weight of crane and lift permitted on upper 450 feet of wharf is 90 tons, and on

remainder of wharf is 140 tons. Shed No. 3, a 37,900-square foot, steel frame, metal-covered, timber-roofed building located in rear of upper portion, was not in use at time of survey (1998). Approximately

1.2 acres of concrete-paved, open storage area are located on lower portion of wharf.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 585 Galveston District

Port: Houston

Waterway: Houston Turning Basin Mile: 51 PWD: 189

Name: Exxon Chemical Americas, Houston Chemical Plant Wharf.

Location: Left bank, Houston Turning Basin, at upper end of north side, Houston. Datum: MLT

Operator: Not operated.

Owner: Port of Houston Authority.

Address: Port Road. Phone: 713-670-2435

Town: Houston State: TX County: Harris

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 10 - 15 | | Latitude (decimal): 29.752222

Total Berthing Space (feet): 120 | - | Longitude (decimal): -95.28972

Remarks: One 6- becoming two 6-inch pipelines extend from platform on wharf to Exxon Chemical Americas'

Houston Chemical Plant at 8230 Stedman Street, approximately 0.6 mile east of Turning Basin. At

time of survey (1998) plant was closed and pipelines were blanked.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 404 Galveston District

Port: Houston Waterway: Houston Turning Basin Mile: 51 PWD: 191 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 8 Left bank, Houston Turning Basin, at south portion of west side, Houston. Location: Datum: MLT Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Two surface tracks on apron join trackage on apron of adjacent Public Wharf No. 9 (Ref. No. 190). Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade. 29.749722 Depth Alongside (feet): Latitude (decimal): 38 Total Berthing Space (feet): 624 Longitude (decimal): -95.29083 Remarks: Face of wharf is in line and contiguous with face of adjacent Public Wharf No. 9 (Ref. No. 190). Approximately 10 acres of open storage area is located at rear of wharf. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 **Galveston District** Dock Code: 406 Port: Houston Mile: 51 PWD: 190 Waterway: Houston Turning Basin Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 9. Location: Left bank, Houston Turning Basin, at north portion of west side, Houston. Datum: MLT Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: Port Terminal Railroad: Three surface tracks on apron and 3 platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade. Depth Alongside (feet): Latitude (decimal): 29.751389 34 Total Berthing Space (feet): Longitude (decimal): -95.29056 555 Remarks: Face of wharf is in line and contiguous with face of adjacent Public Wharf No. 8 (Ref. No. 191). Shed has one 7-truck capacity platform at lower side. Approximately 9 acres of open storage area are located at rear and sides of shed. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 405 Galveston District

Port: Houston Waterway: Houston Turning Basin Mile: 51.0 PWD: 188 Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 10. Left bank, Houston Turning Basin, on north side, Houston. Location: Datum: MLT Operator: Port of Houston Authority. Owner: Port of Houston Authority. Address: Port Road. Phone: 713-670-2435 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Two platform-level tracks along rear of transit shed join additional terminal trackage in rear. Purpose: Receipt and shipment of conventional general cargo in foreign and domestic trade. Depth Alongside (feet): Latitude (decimal): 33 29.751389 Total Berthing Space (feet): 600 Longitude (decimal): -95.28861 Remarks: Maximum combined weight of crane and lift permitted on wharf is 140 tons. Shed has one 4-truck capacity platform at lower side and one 2-truck-capacity platform at upper side. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 403 Galveston District Port: Houston Mile: 51.0 PWD: 204 Waterway: Houston Turning Basin Name: Port of Houston, Turning Basin Terminal, Public Wharf No. 4. Location: Right bank, Buffalo Bayou and Houston Turning Basin, at their conjunction, Houston. Datum: MLT Operator: Port of Houston Authority. Port of Houston Authority. Owner: Address: 75th Street Phone: 713-670-2435 Town: Houston State: TX County: Harris Railway Connection: None. Purpose: Mooring vessels for repair; transient mooring of tugs, towboats, and vessels. Depth Alongside (feet): 27 Latitude (decimal): 29.748056 Longitude (decimal): -95.29083 Total Berthing Space (feet): 779 Remarks: Maximum combined weight of crane and lift permitted on wharf is 90 tons. At time of survey (1998) sheds were operated by repair and maintenance companies for storing equipment. Houston Ship Repair, Inc. provided electric power. Approximately 0.3 acre of open storage is available between transit sheds.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 583

Galveston District

Port: Houston Waterway: Hunting Bayou Mile: 43.8 PWD: 141 Name: Warren Petroleum Co., Warrengas Terminal, Dock No. 1 Wharf Left bank, Hunting Bayou, inner portion of lower side of dredged basin at inner end of Datum: MLT Location: Hunting Bayou Tur Operator: Warren Petroleum Co., L.P., division of NGC Corp. Owner: Warren Petroleum Co., L.P., division of NGC Corp. Address: 12801 American Petroleum Road Phone: 713-450-7206 State: TX Town: Galena Park County: Harris Railway Connection: None. Purpose: Receipt and shipment of liquefied petroleum gas and ethylene; receipt of natural gasoline. Latitude (decimal): Depth Alongside (feet): 38 29.741389 Longitude (decimal): -95.20444 Total Berthing Space (feet): 650 Remarks: One 12-, four 10-, and six 6-inch liquefied petroleum gas and natural gasoline pipelines extend from wharf to storage tanks described under Ref. No. 140. One 8-inch ethylene and one 4-inch ethylene vapor pipelines extend from wharf to Chevron Chemical Co. overland pipeline. One 2-inch vapor recovery pipeline extends to flare tower at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 310 **Galveston District** Port: Houston Waterway: Hunting Bayou Mile: 43.8 PWD: 140 Name: Warren Petroleum Co., Warrengas Terminal, Dock No. 1-A Wharf Left bank, Hunting Bayou, outer portion of lower side of dredged basin at inner end of Datum: MLT Location: Hunting Bayou Tur Operator: Warren Petroleum Co., L.P., division of NGC Corp. Warren Petroleum Co., L.P., division of NGC Corp. Owner: Address: 12801 American Petroleum Road Phone: 713-450-7206 Town: Galena Park State: TX County: Harris Railway Connection: None. Purpose: Receipt and shipment of liquefied petroleum gas; receipt of natural gasoline. Latitude (decimal): 29.741944 Depth Alongside (feet): 17 400 Longitude (decimal): -95.20361 Total Berthing Space (feet): Remarks: One 6- becoming 12-inch, and two 6-inch pipelines extend from wharf to 76 steel storage tanks, horizontal and spheroid, located in rear, total capacity 1,200,000 barrels. One 4-inch vapor recovery pipeline extends to flare tower at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 310 Galveston District

Port: Houston Waterway: Hunting Bayou Mile: 43.9 PWD: 142 Name: Warren Petroleum Co., Warrengas Terminal, Dock No. 2 Wharf Left bank, Hunting Bayou, upper side of dredged basin at inner end of Hunting Bayou Datum: MLT Location: Turning Basin, Galen Operator: Warren Petroleum Co., L.P., division of NGC Corp. Owner: Warren Petroleum Co., L.P., division of NGC Corp. Address: 12801 American Petroleum Road Phone: 713-450-7206 State: TX Town: Galena Park County: Harris Railway Connection: None. Purpose: Receipt and shipment of liquefied petroleum gas and natural gasoline; occasional receipt of petroleum products. Latitude (decimal): Depth Alongside (feet): 29.740833 40 Total Berthing Space (feet): 725 Longitude (decimal): -95.20528 Ι Ι Remarks: Three 18-, three 10-, four 6-, and two 3-inch liquefied petroleum gas and natural gasoline pipelines and one 10-inch vapor recovery pipeline extend from wharf to storage tanks described under Ref. No. 140. Two 10-inch petroleum product pipelines extend from wharf to 6 steel storage tanks at Chevron U.S.A. Products Co. terminal at 12523 American Petroleum Road, total capacity 490,000 barrels. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 310 Galveston District Port: Houston Waterway: Hunting Bayou Mile: 43.9 PWD: 143 Name: Warren Petroleum Co., Warrengas Terminal, Dock No. 2A Wharf Left bank, Hunting Bayou, lower side of dredged basin at upper side of Hunting Datum: MLT Location: Bayou Turning Basin, Gale Operator: Warren Petroleum Co., L.P., division of NGC Corp. Warren Petroleum Co., L.P., division of NGC Corp. Owner: 12801 American Petroleum Road Phone: 713-450-7206 Address: Town: Galena Park State: Tx County: Harris Railway Connection: None. Purpose: Receipt and shipment of liquefied petroleum gas and natural gasoline. Depth Alongside (feet): 20 Latitude (decimal): 29 740278 Total Berthing Space (feet): 300 Longitude (decimal): -95.205 Remarks: One 8- becoming 12-inch natural gasoline pipeline, two 8-inch liquefied petroleum gas pipelines, and one 8-inch vapor recovery pipeline extend from wharf to storage tanks described under Ref. No. 140. One 4-inch vapor recovery pipeline extends to flare tower at rear. At time of survey (1998), a 30- by 18foot, metal-covered, floating boathouse for boom boats was moored on upper side of walkway from shore. Plans called for constructing Dock No. 4, similarin dimensions to Dock No. 2 (Ref. No. 142), on upper side of walkway.

Year of Last Survey: 1999

Dock Code: 310

Galveston District

Corps of Engnrs Waterway Code: 60370

Port: Houston Waterway: Hunting Bayou Mile: 44.0 PWD: 146 Name: Warren Petroleum Co., Mooring Boats Pier Left bank, Hunting Bayou, approximately 400 feet above inner end of approach to Location: Datum: MLT Dock No. 5 (Ref. No. 145 Operator: Houston Mooring Co. Inc. and Texas Mooring Inc. Owner: Warren Petroleum Co., L.P., division of NGC Corp. Address: 12801 American Petroleum Road Phone: 713-921-4488 State: TX Town: Galena Park County: Harris Railway Connection: None. Purpose: Mooring company-owned service vessels. Latitude (decimal): Depth Alongside (feet): 29.74 Total Berthing Space (feet): 40 30 Longitude (decimal): -95.21028 Remarks: Companies moor line-handling boats at pier. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 310 Galveston District Port: Houston Waterway: Hunting Bayou Mile: 44.0 PWD: 144 Name: Warren Petroleum Co., Warrengas Terminal, Dock No. 3 Wharf Left bank, Hunting Bayou, inner end of dredged basin at upper side of Hunting Bayou Datum: MLT Location: Turning Basin, Galen Warren Petroleum Co., L.P., division of NGC Corp. Operator: Warren Petroleum Co., L.P., division of NGC Corp. Owner: 12801 American Petroleum Road Address: Phone: 713-450-7206 Town: Galena Park State: TX County: Harris Railway Connection: None. Purpose: Receipt and shipment of liquefied petroleum gas and natural gasoline; occasional receipt of petroleum products. Depth Alongside (feet): Latitude (decimal): 15 29.740833 Total Berthing Space (feet): Longitude (decimal): -95.20778 430 Remarks: One 12-foot wide, concrete boat ramp is located below wharf. Two 10-, three 8-, two 6-, and two 4-inch liquefied petroleum gas and natural gasoline pipelines and one 8-inch vapor recovery pipeline extend

Year of Last Survey: 1999

from wharf to storage tanks described under Ref. No. 140. Two 8-inch petroleum product pipelines extend from wharf to Chevron U.S.A. Products Co. terminal described under Ref. No. 142. One 4-inch

Dock Code: 310

Galveston District

Corps of Engnrs Waterway Code: 60370

vapor recovery pipeline extends to flare tower at rear.

Port: Houston Waterway: Hunting Bayou Mile: 44.0 PWD: 145 Name: Warren Petroleum Co., Warrengas Terminal, Dock No. 5 Wharf. Left bank, Hunting Bayou, upper side of dredged basin at upper side of Hunting Location: Datum: MLT Bayou Turning Basin, Gale Operator: Warren Petroleum Co., L.P., division of NGC Corp. Owner: Warren Petroleum Co., L.P., division of NGC Corp. Address: 12801 American Petroleum Road Phone: 713-450-7206 State: TX Town: Galena Park County: Harris Railway Connection: None. Purpose: Receipt and shipment of liquefied petroleum gas; receipt of natural gasoline. Depth Alongside (feet): 45 Latitude (decimal): 29.739167 Total Berthing Space (feet): 850 Longitude (decimal): -95.20667 Remarks: Berthing space for transient mooring of barges is provided by a 450-foot long row of nine, steel pile breasting dolphins, with timber fendering, along lower side of approach, and at the lower side of the 500-foot long row of rubber-fendered supports for the walkway between the wharf and the turning dolphin. Two 20-, one 12-, one 8-, and three 3-inch pipelines extend from wharf to tankage described under Ref. No. 140. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 310 Galveston District Port: Houston Waterway: Old River Mile: PWD: 049 Name: Channel Marine Services Co. Slip. Location: North bank, Old River, approximately 1,600 feet north of conjunction with San Jacinto Datum: MLT River, on west sid Operator: Channel Marine Services Co. Owner: Wayne Abner Address: 17848 Woodleigh Street. Phone: 800-990-9083 Town: Channelview State: TX County: Harris Railway Connection: None. Purpose: Shipment of construction equipment and materials, including steel pipe, and of small vessels, all by barge; mooring barges and small vessels for repair and scrapping, mooring company-owned crane barges. 5-6 | 5-6 Latitude (decimal): Depth Alongside (feet): 5 - 6 Total Berthing Space (feet): 180 300 400 Longitude (decimal): -95.07111 1 Remarks: Company began operations subsequent to survey (1997). In 1999 operator planned to moor a floating drydock and construct a fabrication shop at the facility by the end of the year. Slip is base for

scrapping.

Year of Last Survey: 1999

company's lightering service to vessels in harbor. Approximately 5 acres of open storage area are located at rear. An earth ramp east of bulkhead is used for dragging out vessels and barges for

Dock Code: 208

Corps of Engnrs Waterway Code: 60370

Port: Houston

Waterway: Old River Mile: PWD: 054

Name: Continental Dredging, Wharf and Moorings.

North side, Old River, approx. 0.9 mile west of conjunction with San Jacinto River, Location: Datum: MLT

east of Lake Sandy d

Operator: Continental Dredging, Inc. Owner: Continental Dredging, Inc.

Address: 17350 Market Street. Phone: 281-452-4594

State: TX Town: Channelview County: Harris

Railway Connection: None.

Purpose: Handling dredging equipment by barge; mooring company-owned floating equipment for storage and

repair.

Latitude (decimal): Depth Alongside (feet): 7 - 8 | 10 - 14 29.7875 7 - 8 Total Berthing Space (feet): 200 450 1,000 Longitude (decimal): -95.08361 1

Remarks: West side of point of land is east bank of drainage canal from Lake Sandy on opposite side of Market

Street and Interstate Highway 10. Approximately seven acres of open storage area are located at rear.

Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 213

Port: Houston

PWD: 045 Mile: Waterway: Old River

Name: Cooper's Marine Service Wharf.

North bank, Old River, approximately 1,250 feet north of conjunction with San Jacinto Location:

River, on east sid

Operator: Cooper's Marine Service, Inc. Owner: Musgrove Towing Service, Inc.

Address: 18302 Market Street. Phone: 281-457-1729

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for cleaning and minor topside repairs.

Latitude (decimal): 29.790833 Depth Alongside (feet): 4 - 5 | Total Berthing Space (feet): 240 Longitude (decimal): -95.06861

Remarks: One steel frame, metal-covered building used for equipment storage is located in rear.

Corps of Engnrs Waterway Code: 60370 Year of Last Survey: 1999 Dock Code: 206

Port: **Houston**

Waterway: Old River Mile: PWD: 047

Name: Glendale Boat Works Wharf.

Location: North bank, Old River, approximately 2,000 feet north of conjunction with San Jacinto Datum: MLT

River, on east sid

Operator: Glendale Boat Works, Inc.
Owner: Glendale Boat Works, Inc.

Address: 18300 Market Street. Phone: 281-452-7146

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring small vessels for outfitting and repair; mooring floating drydock.

Depth Alongside (feet): 6 - 8 | | Latitude (decimal): 29.793056

Total Berthing Space (feet): 210 | Longitude (decimal): -95.06694

Remarks: Fabrication and welding shop is located in rear. One 600-long-ton floating drydock is moored at

wharf.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 207

Port: **Houston**

Waterway: Old River Mile: PWD: 063

Name: Hollywood Marine, Towboat Mooring Wharf.

Location: South side, Old River, approximately 0.3 mile west of junction with Houston Ship Datum: MLT

Channel, Channelview.

Operator: Hollywood Marine, Inc.
Owner: Hollywood Marine, Inc.

Address: 16524 De Zavalla Road. Phone: 281-860-9023

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned towboats.

Remarks: Building used as office is located at rear.

Port: **Houston**

Waterway: Old River Mile: PWD: 062

Name: Hollywood Marine, Voids Stripping Pier and River Fleet Mooring.

Location: South side, Old River, approximately 0.4 mile west of junction with Houston Ship Datum: MLT

Channel, Channelview.

Operator: Hollywood Marine, Inc.
Owner: Hollywood Marine, Inc.

Address: 16524 De Zavalla Road. Phone: 281-457-1561

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned barges for stripping and storage.

Remarks: Three barges for mooring River Fleet are 270 by 52, 260 by 50, and 180 by 45 feet, and are spaced

approximately 1,200 feet apart. Pier is located east of fleet. One 3-inch styrene pipeline extends from

pier to truckloading station at rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 225

Port: Houston

Waterway: Old River Mile: PWD: 051

Name: Inter-Bay Towing Co., Pier and Mooring.

Location: North side, Old River, approximately 0.5 mile west of conjunction with San Jacinto Datum: MLT

River, Channelview.

Operator: Inter-Bay Towing Co., Inc.
Owner: Inter-Bay Towing Co., Inc.

Address: 17512 Market Street. Phone: 281-452-1321

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned towboats; mooring barges for fleeting.

 Depth Alongside (feet):
 6
 | 2 - 3
 | 2 - 6
 Latitude (decimal):
 29.790278

 Total Berthing Space (feet):
 650
 | 600
 | 195
 Longitude (decimal):
 -95.07722

Remarks: *A cove to the east of the pier has 400 feet of steel sheet pile bulkhead with solid fill and 600 feet of

natural bank along its west side, providing additional berthing space for fleet. Operator moors towboats on west side of pier; fleets up to 14 barges at face, in water depths to 14 feet, and fleets up to 86

barges in cove.

Port: Houston

Waterway: Old River Mile: PWD: 061

Name: Lakeside Terminals, Fuel Dock Pier.

Location: West side, Old River, approximately 0.9 mile north of junction with Houston Ship Datum: MLT

Channel, Channelview.

Operator: Mieco, Inc.

Owner: Lakeside Terminals, Inc.

Address: 1015 Lakeside Drive. Phone: 281-452-0634

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Fueling towboats and tugboats.

 Depth Alongside (feet):
 10
 | 2 - 10
 | 2 - 10
 Latitude (decimal):
 29.767222

 Total Berthing Space (feet):
 35
 | 195
 Longitude (decimal):
 -95.10222

Remarks: One 6-inch diesel fuel pipeline extends to pier from one 3,000-barrel- capacity, steel storage tank

located at rear, in terminal operated by Intergulf Fuels, Inc.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 223

Port: Houston
Waterway: Old River Mile: PWD: 057

Name: Layne Huntley Co. Slip.

Location: North side, Old River, approximately 1.4 miles west of conjunction with San Jacinto Datum: MLT

River, Channelview.

Operator: Layne Huntley Co.
Owner: Marine Rentals, Inc.

Address: 17112 Market Street. Phone: 409-825-8353

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Loading ships' supplies onto barge; mooring company-owned floating equipment; mooring barges for

scrapping.

Depth Alongside (feet): 8 | 8 | 8 | Latitude (decimal): 29.786111

Total Berthing Space (feet): 60 | 320 | 300 | Longitude (decimal): -95.09167

Remarks: Slip is approximately 60 to 130 feet wide. Barges being scrapped are brought ashore on a 60-foot-

wide earth ramp east of slip. Approximately six acres of open storage area are located at rear.

Port: **Houston**

Waterway: Old River Mile: PWD: 048

Name: Lost Lake Fleeting Service, LASH and Empty Barge Fleets.

Location: North bank, Old River, approx. 1,700 feet north of conjunction with San Jacinto River. Datum: MLT

at inner end and

Operator: Lost Lake Fleeting Service, Inc.
Owner: Musgrove Towing Service, Inc.

Address: 18302 Market Street. Phone: 281-452-3276

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for fleeting.

 Depth Alongside (feet):
 7
 |
 7
 |
 5
 Latitude (decimal):
 29.793333

 Total Berthing Space (feet):
 250
 |
 400
 |
 800
 Longitude (decimal):
 -95.06861

Remarks: LASH Barge Fleet is located along east side and across inner end of cove, approximately 2,400 feet

north of conjunction with San Jacinto River, and has capacity for up to 25 LASH barges. Empty Barge

Fleet is located on west side of cove, and has capacity for up to 21 empty barges.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 205

Port: Houston

Waterway: Old River Mile: PWD: 044

Name: Lost Lake Fleeting Service, Loaded Barge Fleet Mooring.

Location: North bank, Old River, approximately 1,000 feet north of conjunction with San Jacinto Datum: MLT

River, on east sid

Operator: Lost Lake Fleeting Service, Inc.
Owner: Musgrove Towing Service, Inc.

Address: 18302 Market Street. Phone: 281-452-3277

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring towboats; mooring barges for fleeting.

 Depth Alongside (feet):
 10
 |
 10
 |
 10
 Latitude (decimal):
 29.790278

 Total Berthing Space (feet):
 250
 |
 400
 |
 195
 Longitude (decimal):
 -95.06889

Remarks: Barge moored perpendicular to bank is at boundary with Western Towing Co., Loaded Barge Fleet

(Ref. No. 42). Building used as fleet office is located at rear. Operator moors up to 15 loaded barges

in fleet.

Port: Houston Waterway: Old River Mile: PWD: 050 Name: Marinus Barge Services Wharf. North bank, Old River, approximately 1,400 feet north of conjunction with San Jacinto Datum: MLT Location: River, on west sid Operator: Marinus Management Corp., d.b.a. Marinus Barge Services; and Megafleet Towing Co., In Owner: Musgrove Towing Service, Inc. Address: 17840 Riverside Drive. Phone: 713-457-2242 State: TX Town: Channelview County: Harris Railway Connection: None. Purpose: Mooring tank barges for stripping; mooring company-owned towboat. Depth Alongside (feet): 7 - 8 8 Latitude (decimal): 29.790833 Total Berthing Space (feet): 195 72 Longitude (decimal): -95.07167 Remarks: Two 2-inch pipelines extend from wharf to four storage tanks and to two tank trailers at rear for recovered liquid bulk commodities, total capacity approximately 30,000 gallons. Megafleet Towing Co., Inc.: Moors towboat 'San Antonio' at east end of barge. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 209 Port: Houston PWD: 053 Mile: Waterway: Old River Name: Martin Gas Marine, Pier and Mooring. North side, Old River, approximately 0.8 mile west of conjunction with San Jacinto Location: Datum: MLT River, Channelview. Operator: Martin Gas Marine, Inc. Owner: Francis Adams. Address: 17350 1/2 Market Street. Phone: 713-461-0606 Town: Channelview State: TX County: Harris Railway Connection: None. Purpose: Mooring company-owned floating equipment for storage and repair. 7 7 7 Latitude (decimal): 29.788611 Depth Alongside (feet): Total Berthing Space (feet): 360 300 Longitude (decimal): -95.08222

Remarks: East side of pier is west boundary of McDonough Marine Service mooring (Ref. No. 52).□ Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Dock Code: 212

Port: **Houston**

Waterway: Old River Mile: PWD: 052

Name: McDonough Marine Service Wharf.

Location: North side, Old River, approximately 0.6 mile west of conjunction with San Jacinto Datum: MLT

River, Channelview.

Operator: McDonough Marine Service, Division of Marmac Corp.

Owner: Marmac Corp.

Address: 17500 Market Street. Phone: 281-452-5887

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned floating equipment for storage and repair.

 Depth Alongside (feet):
 4 - 7
 4 - 7
 4 - 7
 Latitude (decimal):
 29.79

 Total Berthing Space (feet):
 400
 400
 450
 Longitude (decimal):
 -95.08

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 211

Port: Houston
Waterway: Old River
Mile: PWD: 056

Name: Mid-Gulf Industrial, Wharf and Mooring.

Location: North side, Old River, approximately 1.2 miles west of conjunction with San Jacinto Datum: MLT

River, Channelview.

Operator: Mid-Gulf Industrial, Inc.
Owner: Austin Bridge Co.

Address: Market Street. Phone: 713-477-2406

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Handling construction equipment and supplies; mooring company-owned equipment for repair.

Depth Alongside (feet): 8 | 6 - 7 | 6 - 7 Latitude (decimal): 29.786111

Total Berthing Space (feet): 300 | 100 | 300 Longitude (decimal): -95.08722

Remarks: Slip is approximately 200 feet wide. In 1998, inner portion of slip was blocked by debris. Operator

moved to site subsequent to survey. Facility and equipment are described as planned. Plans called for construction of a repair shop shed at rear. Approximately four acres of open storage area are

located at rear.

Port: Houston Waterway: Old River Mile: PWD: 058 Name: Old River Shipbuilding & Repair Wharf. West side, Old River, approximately 1.3 miles north of junction with Houston Ship Location: Datum: MLT Channel, Channelview. Operator: Old River Shipbuilding & Repair, Inc. Owner: Old River Shipbuilding & Repair, Inc. Address: 611 Lakeside Drive. Phone: 281-452-0848 State: TX Town: Channelview County: Harris Railway Connection: None. Purpose: Loading ships' supplies onto barges; mooring company-owned floating equipment. Depth Alongside (feet): Latitude (decimal): 12 29.773611 Total Berthing Space (feet): 214 Longitude (decimal): -95.10167 Remarks: One 5,000-square-foot, steel frame, metal-covered warehouse, and 1/2 acre of concrete-paved and 1 1/2 acres of unpaved open storage area are located at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 217 Port: Houston Waterway: Old River PWD: 059 Mile: Name: **Shoreline Liftboats Mooring.** Location: West side, Old River, approximately 1.1 miles north of junction with Houston Ship Datum: MLT Channel, Channelview. Shoreline Liftboats, Inc. Operator: Owner: Jim Crawford. Address: 815 Lakeside Drive. Phone: 281-452-7910 Town: Channelview State: TX County: Harris Railway Connection: None. Purpose: Handling equipment by barge for the conversion, outfitting, and repair of company-owned jackup liftboats and platforms. Latitude (decimal): 29.770833 Depth Alongside (feet): 3 - 6 Total Berthing Space (feet): 65 Longitude (decimal): -95.1025 Ι Remarks: Liftboats, which are vessels equipped with cranes and jackup supports, and other types of shallowdraft jackup platforms, are moored and jacked-up near opposite bank of Old River, off west side of island, for rebuilding and outfitting. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 218

Port: **Houston**

Waterway: Old River Mile: PWD: 046

Name: Southwest Shipyard, Yard B, Sandblasting Wharf.

Location: North bank, Old River, approximately 1,550 feet north of conjunction with San Jacinto Datum: MLT

River, on east sid

Operator: Southwest Shipyard L.P.
Owner: Musgrove Towing Service, Inc.

Address: 18302 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for painting and minor topside repairs.

Depth Alongside (feet): 2 - 3 | Latitude (decimal): 29.791944

Total Berthing Space (feet): 400 | Longitude (decimal): -95.06778

Remarks:

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 192

Port: Houston
Waterway: Old River
Mile: PWD: 055

Name: Trumbull Asphalt, Channelview Plant Slip.

Location: North side, Old River, approximately 1.1 miles west of conjunction with San Jacinto Datum: MLT

River, at inner end

Operator: Trumbull Asphalt, a division of Owens-Corning Fiberglas Corp.
Owner: Trumbull Asphalt, a division of Owens-Corning Fiberglas Corp.

Address: 17310 Market Street. Phone: 281-452-5310

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of asphalt by barge.

Depth Alongside (feet): 10 | 10 | Latitude (decimal): 29.789167

Total Berthing Space (feet): 65 | 290 | Longitude (decimal): -95.08639

Remarks: Slip is approximately 1,000 feet long and 80-100 feet wide. One 8-inch pipeline extends from slip to

five steel storage tanks at rear, total capacity 68,300 barrels.

Port: **Houston**

Waterway: Old River Mile: PWD: 042

Name: Western Towing Co., Loaded Barge Fleet Moorings.

Location: North bank, Old River, west of conjunction with San Jacinto River, at entrance to Datum: MLT

cove, Channelview.

Operator: Western Towing Co.

Owner: Kirby Corp.

Address: 18350 Market Street. Phone: 713-435-1815

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for fleeting.

Depth Alongside (feet): 14 | 14 | Latitude (decimal): 29.788611

Total Berthing Space (feet): 1,000 | 600 | Longitude (decimal): -95.06889

Remarks: Grounded barge is at boundary with Lost Lake Fleeting Service, Loaded Barge Fleet (Ref. No. 44).

Operator moors up to 45 loaded barges in fleet.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 204

Port: Houston

Waterway: Old River Mile: PWD: 043

Name: Western Towing Co., Oversize Empty Barge Fleet Moorings.

Location: South bank, Old River, west of conjunction with San Jacinto River, on north side of Datum: MLT

island, Channelview.

Operator: Western Towing Co.
Owner: Hally B. Clements, in trust.

Address: 18350 Market Street. Phone: 713-435-1815

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for fleeting.

Depth Alongside (feet): 9 - 10 | 9 - 10 | Latitude (decimal): 29.785556

Total Berthing Space (feet): 1,200 | 1,050 | Longitude (decimal): -95.07333

Remarks: Operator moors up to 50, empty, oversize barges in fleet. Barges are larger than 195 by 35 feet. □

Port: **Houston**

Waterway: Old River Mile: PWD: 060

Name: Wood Creek Towing Landing.

Location: West side, Old River, approximately 1.0 mile north of junction with Houston Ship Datum: MLT

Channel, Channelview.

Operator: Wood Creek Towing, Inc.
Owner: Wood Creek Towing, Inc.

Address: 907 Lakeside Drive. Phone: 281-452-3276

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring company-owned towboats and other floating equipment.

Depth Alongside (feet): 7 | Latitude (decimal): 29.769722

Total Berthing Space (feet): 60 | Longitude (decimal): -95.1025

Remarks: Building used as office is located at rear. Landing is base of operations for company's towboats.

Towboats also serve Lost Lake Fleeting Service fleets for loaded barges (Ref. No. 44), and for LASH

and empty barges (Ref. No. 48).

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 219

Port: **Houston**

Waterway: Old River Mile: 35.4 PWD: 064

Name: Hollywood Marine, Lost Lake Fleet Mooring.

Location: North side, Old River, west of junction with Houston Ship Channel, on south side of Datum: MLT

island, Channelview.

Operator: Hollywood Marine, Inc.
Owner: Port of Houston Authority.

Address: 16524 De Zavalla Road. Phone: 281-457-1561

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges for fleeting.

Depth Alongside (feet): 12 | 12 | 12 Latitude (decimal): 29.768611

Total Berthing Space (feet): 800 | 1,200 | 1,000 Longitude (decimal): -95.09361

Remarks: Southwest side is used to moor primarily empty barges, northeast side, primarily loaded barges; total

capacity 40 barges.□

Port: Houston Waterway: Patrick Bayou Mile: 37.9 PWD: 279 Name: Occidental Chemical Corp., Houston Chemical Complex, Deer Park Pla Left bank, Patrick Bayou, above conjunction with Houston Ship Channel, Deer Park. Location: Datum: MLT Operator: Not operated. Occidental Chemical Corp. Owner: Address: 1000 Tidal Road. Phone: 281-476-2127 State: TX Town: Deer Park County: Harris Railway Connection: Trackage serving chemical plant in rear connects with Port Terminal Railroad. Purpose: Not used. Depth Alongside (feet): Latitude (decimal): 29.738056 8 Total Berthing Space (feet): 255 Longitude (decimal): -95.11139 Ι Ι Remarks: Wharf formerly was used for receipt and shipment of chlorine by barge. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 765 Galveston District Port: Houston Waterway: San Jacinto River Mile: PWD: 032 Name: Ace Transportation Wharf. Location: Right bank, San Jacinto River (Bear Lake), above Union Pacific Railroad Bridge, Datum: MLT Channelview. Operator: Ace Transportation Inc. Owner: B & G Investments. Inc. 728 Shields Street. Phone: 713-674-4000 Address: Town: Channelview State: TX County: Harris Railway Connection: One surface track in storage yard at rear connects with Union Pacific Railroad. Purpose: Occasional receipt and shipment of steel casings, pipe, and structural steel; occasional handling of construction materials and equipment. Depth Alongside (feet): 12 Latitude (decimal): 29.799722 Longitude (decimal): -95.09083 Total Berthing Space (feet): 500

Remarks: Approximately 90 acres of open storage area are located at rear.

Corps of Engnrs Waterway Code: 60370

Year of Last Survey: 1999

Port: Houston

Waterway: San Jacinto River Mile: PWD: 026

Name: Channel Shipyard Co., North Cleaning Dock Wharf.

Location: Left bank, San Jacinto River, approximately 1,700 feet above mouth, Lynchburg. Datum: MLT

Operator: Channel Shipyard Co., Inc. Owner: Channel Shipyard Co., Inc.

Address: 999 South Lynchburg Road. Phone: 713-424-1581

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Mooring tank barges for cleaning.

Depth Alongside (feet): 8 - 9 | Latitude (decimal): 29.768889

Total Berthing Space (feet): 520 | Longitude (decimal): -95.07667

Remarks: One 8-inch vacuum pipeline extends from wharf to wash-water treatment plant in rear. Four-inch

steam and compressed air lines serve wharf. $\hfill\Box$

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 196 Galveston District

Port: Houston

Waterway: San Jacinto River Mile: PWD: 024

Name: Channel Shipyard Co., Stripping Facility Dock Wharf.

Location: Left bank, San Jacinto River, approximately 700 feet above mouth, Lynchburg. Datum: MLT

Operator: Channel Shipyard Co., Inc.
Owner: Channel Shipyard Co., Inc.

Address: 999 South Lynchburg Road. Phone: 713-424-1581

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Mooring tank barges for stripping and gas freeing.

Depth Alongside (feet): 10 | Latitude (decimal): 29.766667

Total Berthing Space (feet): 600 | Longitude (decimal): -95.07833

Remarks: One 12-inch vapor recovery pipeline, and two 3- and six 2-inch vacuum lines extend from wharf to at

least eight storage tanks in rear for recovered liquid bulk commodities, total capacity 32,000 gallons.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 196 Galveston District

Port: Houston

Waterway: San Jacinto River Mile: PWD: 027

Name: Highport Dock.

Location: Left bank, San Jacinto River, approximately 1,000 feet above Interstate Highway 10 Datum: MLT

Bridge, Highlands.

Operator: Highport, Inc.
Owner: Highport, Inc.

Address: 1900 South Main Street. Phone: 281-426-3541 ex

Town: Highlands State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of ethylene glycol by barge.

Depth Alongside (feet): 10 - 11 | | Latitude (decimal): 29.793611

Total Berthing Space (feet): 290 | Longitude (decimal): -95.05722

Remarks: One 8-inch pipeline extends from wharf to one 772,000-gallon-capacity steel storage tank in rear.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 199

Port: Houston

Waterway: San Jacinto River Mile: PWD: 025

Name: Lynchburg Shipyard, Repair Dock Wharf.

Location: Left bank, San Jacinto River, approximately 1,400 feet above mouth, Lynchburg. Datum: MLT

Operator: Lynchburg Shipyard, Inc.
Owner: Lynchburg Shipyard, Inc.

Address: 999 South Lynchburg Road. Phone: 713-424-1581

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges and small vessels for repair; mooring floating drydock.

 Depth Alongside (feet):
 8
 8
 8 - 18
 Latitude (decimal):
 29.768056

 Total Berthing Space (feet):
 400
 50
 260
 Longitude (decimal):
 -95.07722

Remarks: *Barges moor bow-to lower side of spud barge. Upper side of spud barge provides 295 feet of berthing

space for one 890-long-ton, steel, floating drydock. One-inch compressed air lines serve wharf.

Port: Houston

Waterway: San Jacinto River

Mile: PWD: 029

Name: Lyondell Petrochemical Co., Heavy-Haul Dock Wharf.

Location: Right bank, San Jacinto River (Bear Lake), upper side ofdredged basin approx. 1.0 Datum: MLT

mile above Union Pacif

Operator: Lyondell Petrochemical Co.

Owner: Lyondell Petrochemical Co.

Address: 18222 Wallisville Road. Phone: 281-452-8405

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Occasional receipt of plant-processing equipment.

Depth Alongside (feet): 9 | Latitude (decimal): 29.816389

Total Berthing Space (feet): 220 | Longitude (decimal): -95.09278

Remarks: Barges can moor bow-to 60 feet of bulkhead.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 201

Port: **Houston**

Waterway: San Jacinto River Mile: PWD: 030

Name: Lyondell Petrochemical Co., North Pier, Barge Docks Nos. 3 and 4.

Location: Right bank, San Jacinto River (Bear Lake), inner end of dredged basin approx. 1.0 Datum: MLT

mile above Union Pacif

Operator: Lyondell Petrochemical Co.
Owner: Lyondell Petrochemical Co.

Address: 18222 Wallisville Road. Phone: 281-452-8405

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of petroleum feed stocks; receipt and shipment of petrochemicals, all by barge.

 Depth Alongside (feet):
 | 12 - 14 | 12 - 14
 Latitude (decimal):
 29.817222

 Total Berthing Space (feet):
 | 600 | 600
 Longitude (decimal):
 -95.09639

Remarks: Two 10- and one 8-inch pipelines extend from pier to nine Lyondell Petrochemical Co. storage tanks located in plant on opposite side of Wallisville Road, total capacity 19,672,800 gallons. One 10-, one 6-, and one 4-inch pipelines extend from pier to 19 ARCO Chemical Co. storage tanks located in plant at

rear, total capacity 23,331,000 gallons.

Port: Houston

Waterway: San Jacinto River Mile: PWD: 031

Name: Lyondell Petrochemical Co., South Pier, Barge Docks Nos. 1 and 2.

Location: Right bank, San Jacinto River (Bear Lake), inner end of dredged basin approx. 1.0 Datum: MLT

mile above Union Pacif

Operator: Lyondell Petrochemical Co.
Owner: Lyondell Petrochemical Co.

Address: 18222 Wallisville Road. Phone: 281-452-8405

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Receipt of petroleum feed stocks; receipt and shipment of petrochemicals, all by barge.

 Depth Alongside (feet):
 | 12 - 14 | 12 - 14
 Latitude (decimal):
 29.816389

 Total Berthing Space (feet):
 | 600 | 600
 Longitude (decimal):
 -95.09667

Remarks: One 10- and one 8-inch pipelines extend from pier to Lyondell Petrochemical Co. storage tanks, and the above 10-, three additional 10-, one 8-, one 4-, and one 3-inch pipelines extend from pier to ARCO Chemical Co. storage tanks, all described under North Pier (Ref. No. 30). A timber pile, timber-decked, T-shaped pier located on lower side of basin provides 20 feet of berthing space in four feet of water for

spill-response boats.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 201

Port: Houston

Waterway: San Jacinto River Mile: PWD: 033

Name: OME Corp., Houston International Terminal Wharf.

Location: Right bank, San Jacinto River, in dredged slip, approximately 0.5 mile above Datum: MLT

Interstate Highway 10 Bridg

Operator: OME Corp.

Owner: Captain Jack Roberts.

Address: 18001 Interstate Highway 10 East. Phone: 281-485-2464

Town: Channelview State: Tx County: Harris

Railway Connection: None.

Purpose: Receipt of reclaimed oil by barge.

 Depth Alongside (feet):
 12
 |
 12
 |
 12 - 30
 Latitude (decimal):
 29.7975

 Total Berthing Space (feet):
 200
 |
 300
 |
 400
 Longitude (decimal):
 -95.06778

Remarks: West side of slip is 500 feet long. OME Corp.: Operates twelve storage tanks at rear of west side,

total capacity 30,000 barrels. Approximately 40 acres of open storage area are located in rear of east

portion of slip.

Port: Houston

Waterway: San Jacinto River Mile: PWD: 039

Name: Southwest Shipyard, Yard A, Dock 1 Wharf.

Location: Right bank, San Jacinto River, approximately 1,700 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring tank barges for steam cleaning and gas freeing.

Depth Alongside (feet): 10 - 22 | | Latitude (decimal): 29.788889

Total Berthing Space (feet): 200 | Longitude (decimal): -95.06583

Remarks: One 8-inch pipeline extends from wharf to flare tower at rear. Two 5- and two 3-inch vacuum pipelines

extend from wharf to tanks in vapor and wash-water treatment plant at rear. Wharf is served by 3-inch

compressed air, steam, and wash-water lines.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 192

Port: Houston

Waterway: San Jacinto River Mile: PWD: 034

Name: Southwest Shipyard, Yard A, Flare Dock Wharf.

Location: Right bank, San Jacinto River, approximately 350 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring tank barges for steam cleaning and gas freeing.

Depth Alongside (feet): 10 - 22 | 10 - 22 | 20.791667

Total Berthing Space (feet): 200 | Longitude (decimal): -95.06306

Remarks: One 6-inch pipeline extends from wharf to flare tower at rear. Wharf is served by 3- and 2-inch steam

lines.□

Port: Houston

Waterway: San Jacinto River Mile: PWD: 035

Name: Southwest Shipyard, Yard A, Galion Crane Area Wharf.

Location: Right bank, San Jacinto River, approximately 550 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges, towboats, tugs, and other types of small vessels for repair.

Remarks: *Face of fendering is in line with faces of Tower Crane No. 2 Area wharves (Ref. No. 36), providing

totals of 290 feet of breasting and 320 feet of berthing distance. Wharf is served by 6-inch compressed

air and 2-inch propylene welding gas and nitrogen lines.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 192

Port: Houston

Waterway: San Jacinto River Mile: PWD: 040

Name: Southwest Shipyard, Yard A, Gas Front Slip.

Location: Right bank, San Jacinto River, approximately 1,900 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring tank barges for steam cleaning and gas freeing.

 Depth Alongside (feet):
 12
 |
 12
 |
 12
 Latitude (decimal):
 29.789167

 Total Berthing Space (feet):
 120
 |
 300
 |
 300
 Longitude (decimal):
 -95.06667

Remarks: One 8-inch pipeline extends from slip to flare tower at rear. Two 5- and two 3-inch vacuum pipelines

extend from slip to tanks in vapor and wash-water treatment plant at rear. Slip is served by 3-inch

compressed air, steam, and wash-water lines.

Port: Houston

Waterway: San Jacinto River Mile: PWD: 038

Name: Southwest Shipyard, Yard A, Stripping Dock Wharf.

Location: Right bank, San Jacinto River, approximately 1,500 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring tank barges for stripping.

Depth Alongside (feet): 10 - 22 | | Latitude (decimal): 29.789444

Total Berthing Space (feet): 200 | Longitude (decimal): -95.06528

Remarks: Two 4-inch liquid-bulk-commodity recovery pipelines extend from wharf to 40 storage tanks in rear,

total capacity 452,000 gallons.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 192

Port: Houston

Waterway: San Jacinto River Mile: PWD: 037

Name: Southwest Shipyard, Yard A, Tower Crane No. 1 Area Wharves.

Location: Right bank, San Jacinto River, approximately 1,000 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges, towboats, tugs, and other types of small vessels for repair; mooring floating drydocks. Depth Alongside (feet): 10 - 22 | 10 - 22 | 10 - 22 | 29.790278

Total Berthing Space (feet): 130 | 200 Longitude (decimal): -95.06444

Remarks: One 2,000- and one 1,300-long-ton, steel, floating drydocks are moored at lower wharf. Wharves are

served by 6-inch compressed air and 2-inch propylene welding gas and nitrogen lines.

Port: **Houston**

Waterway: San Jacinto River Mile: PWD: 036

Name: Southwest Shipyard, Yard A, Tower Crane No. 2 Area Wharves.

Location: Right bank, San Jacinto River, approximately 650 feet below Interstate Highway 10 Datum: MLT

Bridge, Channelview.

Operator: Southwest Shipyard L.P.
Owner: Market Street Realty Co.

Address: 18310 Market Street. Phone: 281-860-3200

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring barges, towboats, tugs, and other types of small vessels for repair; mooring floating drydock

for transfer of vessel.

Depth Alongside (feet): 10 - 22 | 10 - 22 | 10 - 22 | 29.791111

Total Berthing Space (feet): 200 | 290 Latitude (decimal): -95.06361

Remarks: *Faces of wharves are in line with face of Galion Crane Area wharf (Ref. No. 35), providing totals of

290 feet of breasting and 320 feet of berthing distance. Floating drydock 'Mr. Bill' moors on lower side of lower wharf to transfer vessels to and from railways on shore. Wharves are served by 6-inch

compressed air and 2-inch propylene welding gas and nitrogen lines.

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 192

Port: Houston

Waterway: San Jacinto River Mile: PWD: 028

Name: Western Towing Co., Cleaning Plant Wharf.

Location: Left bank, San Jacinto River, approximately 0.5 mile above Interstate Highway 10 Datum: MLT

Bridge, Highlands.

Operator: Western Towing Co.

Owner: W. H. Gilbert.

Address: 1314 South Main Street. Phone: 713-435-1815

Town: Highlands State: TX County: Harris

Railway Connection: None.

Purpose: Mooring dry cargo barges for cleaning and repair; mooring company-owned towboat.

Depth Alongside (feet): 10 | 10 | Latitude (decimal): 29.798889

Total Berthing Space (feet): 600 | 55 | Longitude (decimal): -95.05694

Remarks: Echo Towing Co.: Moors company-owned towboat at pier. A welding shop and approximately two

acres of open storage area are located in rear. □Two-inch river water, propylene welding gas, and

oxygen lines, and 1 1/2-inch compressed air lines serve wharf.

Port: **Houston**

Waterway: San Jacinto River Mile: PWD: 041

Name: Western Towing Co., Regulated Empty Barge Fleet and Boat Dock Moor

Location: Right bank, San Jacinto River, 0.4 mile below Interstate Highway 10 Bridge, above Datum: MLT

conjunction with Old C

Operator: Western Towing Co.

Owner: Kirby Corp.

Address: 18350 Market Street. Phone: 713-435-1815

Town: Channelview State: TX County: Harris

Railway Connection: None.

Purpose: Mooring towboats; mooring barges for fleeting.

Depth Alongside (feet): 8 | 6 - 8 | 6 - 8 | Latitude (decimal): 29.788333

Total Berthing Space (feet): 600 | 190 | 75 Longitude (decimal): -95.06806

Remarks: Building used as fleet office is located at rear. Operator moors up to 30 empty barges in fleet. □

Corps of Engnrs Waterway Code: 60370

Port: Houston

Year of Last Survey: 1999

Waterway: San Jacinto River Mile: 34.9 PWD: 023

Dock Code: 204

Name: Harris County, Lynchburg Ferry Slip.

Location: Left bank, San Jacinto River, above mouth, Lynchburg. Datum: MLT

Operator: Harris County Commissioners Court.
Owner: Harris County Commissioners Court.

Address: 1001 South Lynchburg Road. Phone: 713-424-3521

Town: Lynchburg State: TX County: Harris

Railway Connection: None.

Purpose: Landing for passenger and vehicular ferries.

Depth Alongside (feet): 25 - 30 | Latitude (decimal): 29.764722

Total Berthing Space (feet): 62 | Longitude (decimal): -95.07889

Remarks: Ferries operate to San Jacinto State Park Ferry Slip on opposite side of Houston Ship Channel (Ref.

No. 294).□

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 193 Galveston District

Port: Houston Waterway: San Jacinto River Mile: 34.9 PWD: 022 Name: Harris County, Lynchburg Ferry Wharf. Location: Left bank, San Jacinto River, at mouth, Lynchburg. Datum: MLT Operator: Harris County Commissioners Court. Owner: Harris County Commissioners Court. Address: 1001 South Lynchburg Road. Phone: 713-424-3521 State: TX Town: Lynchburg County: Harris Railway Connection: None. Purpose: Mooring and fueling ferryboats. Depth Alongside (feet): Latitude (decimal): 29.764444 6 6 Total Berthing Space (feet): 66 66 Longitude (decimal): -95.07861 Remarks: One 2-inch fuel pipeline extends to wharf from 10,000-gallon-capacity storage tank at rear. □ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 193 Galveston District Port: Houston Waterway: Sims Bayou Mile: 47.0 PWD: 235 Name: Basis Petroleum, Barge Dock No. 5 Wharf. Left bank, Sims Bayou, approximately 0.7 mile above conjunction with Houston Ship Location: Datum: MLT Channel, Houston. Valero Energy Corp. d.b.a. Basis Petroleum Inc. Operator: Owner: Valero Energy Corp. Address: 9701 Manchester Street Phone: 713-923-3420 Town: Houston State: TX County: Harris Railway Connection: Plant trackage in rear connects with Port Terminal Railroad. Purpose: Receipt and shipment of crude oil and petroleum products. Latitude (decimal): Depth Alongside (feet): 16 29.713333 Total Berthing Space (feet): 325 Longitude (decimal): -95.25194

Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 645 Galveston District

Remarks: One 8-inch pipeline extends from wharf to 4 crude oil and 5 partially-refined petroleum product storage

tanks described under Barge Dock No. 4 (Ref. No. 231).

Port: Houston Waterway: Sims Bayou Mile: 47.0 PWD: 234 Name: Manchester Terminal Corp., Sims Bayou Wharf Left bank, Sims Bayou, approximately 400 feet above conjunction with Houston Ship Datum: MLT Location: Channel. Houston Operator: Manchester Terminal Corp. Owner: Manchester Terminal Corp. Address: 10000 Manchester Street Phone: 713-926-9631 State: TX Town: Houston County: Harris Railway Connection: Port Terminal Railroad: Trackage serving terminal warehouses in rear. Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trades. (See Remarks). Latitude (decimal): Depth Alongside (feet): 24 29.715556 24 Total Berthing Space (feet): 900 800 Longitude (decimal): -95.24694 1 Remarks: Wharf was under construction at time of survey and is described as planned. Storage warehouse buildings and open storage area located at rear are described under Ship Channel Wharf (Ref. No. 233). Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 648 Galveston District Port: Houston Waterway: Sims Bayou Mile: 47.0 PWD: 236 Name: Megafleet Towing Co., Sims Bayou Landing. Right bank, Sims Bayou, approximately 0.5 mile above conjunction with Houston Location: Datum: MLT Ship Channel, Houston Operator: Megafleet Towing Co., Inc. Owner: Port of Houston Authority. Address: 6500 Lawndale Avenue. Phone: 713-941-1020 Town: Houston State: TX County: Harris Railway Connection: None. Purpose: Mooring company-owned towboats and barges for fleeting. 6-12 | 6-12 | 6-12 Latitude (decimal): 29.712222 Depth Alongside (feet): 2,400 Longitude (decimal): -95.24944 Total Berthing Space (feet): 72 72 1 Remarks: Fleet had capacity for 12 barges on shore wires. At time of survey (1998) plans called for revetting this

Year of Last Survey: 1999

portion of the bank of Sims Bayou as part of a flood control project, preventing its use for mooring. Operator planned to move operation to Port of Houston, Greens Bayou Fleet Mooring (Ref. No. 109).

Dock Code: 650

Galveston District

Corps of Engnrs Waterway Code: 60370

Port: Houston Waterway: Sims Bayou Mile: 47.0 PWD: 237 Name: Texas Petrochemicals Corp., Dock B Wharf. Right bank, Sims Bayou, at conjunction with Houston Ship Channel, Houston Location: Datum: MLT Operator: Texas Petrochemicals Corp. Owner: Port of Houston Authority. Address: 9901 Lawndale Avenue Phone: 713-475-6080 State: TX Town: Houston County: Harris Railway Connection: None. Purpose: Receipt and shipment of petrochemicals. Depth Alongside (feet): Latitude (decimal): 29.7175 32 Total Berthing Space (feet): 500 Longitude (decimal): -95.24278 Remarks: Five 6-inch petrochemical pipelines and one 6-inch vapor recovery pipeline extend approximately 1.4 miles from wharf to 25 steel storage tanks located on the opposite side of La Porte Freeway (State Highway 225), at the operator's plant at 8600 Park Place, total capacity 23,806,000 gallons. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 653 **Galveston District** Port: Houston PWD: 001 Waterway: Trinity Bay Mile: Name: Vintage Petroleum, Trinity Bay Field, Point Barrow Facility Wharf. Location: West side of Trinity Bay, approximately 8.4 miles north of Houston Point, Beach City Datum: MLT Vintage Petroleum, Inc. Operator: Owner: Vintage Petroleum, Inc. Address: 9738 Point Barrow Road. Phone: 281-573-1532 Town: Beach City State: TX County: Chambers Railway Connection: None. Purpose: Handling offshore oil-field supplies and equipment; landing for personnel; mooring company-owned service launches for fueling and repair. Depth Alongside (feet): 6 6 Latitude (decimal): 29.740556 Total Berthing Space (feet): 90 55 Longitude (decimal): -94.83167 160 Remarks: One partly covered, 45- by 20-foot slip is located at south end of south wharf; a timber breakwater, located south of slip, provides 90 feet of berthing space for barge on its north side. A marine railway is located north of ramp berth. Two fuel tanks are located at rear, total capacity 5,000 gallons.

Year of Last Survey: 1999

Corps of Engnrs Waterway Code: 60370 Dock Code: 031

Port: Houston Waterway: Upper San Jacinto Bay Mile: 29.0 PWD: 298 Name: E.I. du Pont de Nemours & Co., La Porte Plant, Vinyls Dock Wharf. Right bank, Upper San Jacinto Bay, south shore approximately 1.1 miles above Location: Datum: MLT lower conjunction with Hous Operator: E.I. du Pont de Nemours & Co. Owner: E.I. du Pont de Nemours & Co. Address: Strang Road. Phone: 281-470-3636 State: TX Town: La Porte County: Harris Railway Connection: Tracks serving chemical plant in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Receipt of acetic acid and shipment of vinyl acetate by barge. 10 - 11 Latitude (decimal): 29.704444 Depth Alongside (feet): Total Berthing Space (feet): 200 Longitude (decimal): -95.04028 - 1 Remarks: One 8-inch vinyl acetate and one 6-inch vapor recovery pipelines extend to wharf from one 1,000,000gallon steel storage tank at rear. One 6-inch acetic acid pipeline extends from wharf to one 1,000,000gallon steel storage tank at rear. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 884 **Galveston District** Port: Houston Waterway: Upper San Jacinto Bay Mile: 29.0 PWD: 299 Name: E.I. du Pont de Nemours & Co., LaPorte Plant, Power Sulfuic Acid D Right bank, Upper San Jacinto Bay, upper side of slip approximately 0.7 mile above Location: Datum: MLT lower conjunction wit Operator: E.I. du Pont de Nemours & Co. E.I. du Pont de Nemours & Co. Owner: Address: Strang Road. Phone: 281-470-3776 State: TX Town: La Porte County: Harris Tracks serving chemical plant in rear connect with Union Pacific Railroad and Port Railway Connection: Terminal Railroad. Purpose: Receipt and shipment of sulfuric acid by barge. Latitude (decimal): Depth Alongside (feet): 9 - 10 29.701111 Total Berthing Space (feet): Longitude (decimal): -95.03083 298 П Remarks: Slip is approximately 200 feet wide. One 6-inch pipeline extends from wharf to 5 storage tanks at chemical plant in rear, total capacity 1,307,000 gallons.□ Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 884 Galveston District

Port: Houston Waterway: Upper San Jacinto Bay Mile: 29.0 PWD: 296 Name: Millennium Petrochemicals, La Porte Plant, North Barge Dock Wharf. Right bank, Upper San Jacinto Bay, west shore approximately 2.2 miles above lower Location: Datum: MLT conjunction with Houst Operator: Millennium Petrochemicals Inc. Owner: Port of Houston Authority. Address: 11603 Strang Road. Phone: 713-767-4160 State: TX Town: La Porte County: Harris Railway Connection: Tracks serving chemical plant in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Receipt and shipment of acetic acid and vinyl acetate monomer; shipment of pyrolysis gasoline, all by barge; mooring, loading, and unloading wastewater storage barges (See Remarks). Depth Alongside (feet): 13 Latitude (decimal): 29.714167 Longitude (decimal): -95.05639 Total Berthing Space (feet): 500 Remarks: Overflow wastewater from plant at rear is stored in barges moored at wharf as required. One 4-inch wastewater pipeline connects wharf to plant and treatment ponds at rear. One 12-inch vinyl acetate monomer pipeline extends from wharf to 5 steel storage tanks at plant, total capacity 5,000,000 gallons. One 12-inch acetic acid pipeline extends to two steel storage tanks, total capacity 2,100,000 gallons. One 12-inch pyrolysis gasoline pipeline extends to wharffrom one 23,800-barrel storage tank connected by pipeline to Equistar plant at 1515 Miller Cut-off Road. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 882 Port: Houston Waterway: Upper San Jacinto Bay Mile: 29.0 PWD: 297 Name: Millennium Petrochemicals, La Porte Plant, South Barge Dock Pier. Right bank, Upper San Jacinto Bay, southwest shore approximately 2.0 miles above Location: Datum: MLT lower conjunction with Operator: Millennium Petrochemicals Inc. Owner: Millennium Petrochemicals Inc. Address: 11603 Strang Road. Phone: 713-767-4160 Town: La Porte State: TX County: Harris Railway Connection: Tracks serving chemical plant in rear connect with Union Pacific Railroad and Port Terminal Railroad. Purpose: Receipt and shipment of methanol; shipment of liquefied butadiene gas, all by barge; mooring, loading, and unloading wastewater storage barges (See Remarks). Depth Alongside (feet): 14 14 Latitude (decimal): 29.706944 Total Berthing Space (feet): 230 230 Longitude (decimal): -95.05306 Remarks: Overflow wastewater from plant at rear is stored in barges moored at pier as required. One 4-inch wastewater pipeline connects pier to plant and treatment ponds at rear. One 6- becoming 10-inch methanol pipeline extends from lower side of pier to two steel storage tanks at plant, total capacity 9,996,000 gallons. One 8-inch butadiene pipeline extends to upper side of pier from 4 steel storage spheres, total capacity 1,848,000 gallons, connected by pipelineto Equistar plant at 1515 Miller Cut-off Road. Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 60370 Dock Code: 882